

STOP PRESS

64

NEWS

SHRINKRAP SYSTEM

Continued from front page

Pottington Industrial Estate, Barnstaple, Devon EX31 1NE - tel: 0271 45351, fax: 72880.

"The company searched the world for six months before choosing the recommendation from EDL," says Mr Tabor. "These are the most highly specified machines we have ever built."

Operator panel gives diagnostics and instant status data

An operator panel gives diagnostics and instant status on machine performance, enabling a single operator to oversee the three machines. Since the film reels are side-loading, maximum access is given for changeover. Other features include a special finish to suit the hygienic environment. Guard doors give good visibility of the whole machine even when closed.

The machines are among many recent custom designs from EDL. The company has doubled the size of its design department, with most major work carried out using CAD.

For further information 206

Call for details 0839 772268

Easy stand-up pouch refilling

A user-friendly stand-up pouch refill system for dispensing packs is said to combine the advantages of a cost-effective and easy refill system with full branding on both primary and refill packs.

A 'true' refill system rather than one involving decanting or simple nozzle changes to an otherwise identical bottle, Nishibe's Cartridge Pack consists of a stand-up pouch inside a reusable bottle. The spray or pump spout is equipped with a piercing tube.

While the container and dispensing unit can be customised, the pouch is manufactured on Nishibe's SBM system, says Neil Shepherd of Nishibe's agent Chromos Inter. Crucially, a more rigid material is used for the base - which is pierced - so that an airtight seal is formed and retained with the tube. Unlike with other systems, each refill can be completely emptied.

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PRG LEVY

Continued from front page

compliance legislation. But the packaging PRG is just one of eight industry sectors which have PRG plans. Some of the others are just as keenly seeking promises of legislation but have been told not to expect too much. With this scenario, why should the packaging sector expect any different treatment?

Local authorities say November is already too late for framing legislation as budgets for 95/96 are being considered in October. Failure to ensure legislation will result in the inability to meet the household waste collection and recycling targets.

Mad scramble

However, the mad scramble going on is most keenly felt on the issue of the levy. The figure of £10 in £10 as the cost of the scheme, is coming more and more into disrepute, with companies telling PN that it is wildly inaccurate. Indeed the

PRG

promised material sector audits have not been undertaken, so that the figure has been determined without knowing how much is really required to fund the scheme.

He told delegates that "This cost will be part of the normal commercial obligations. We are not going to treat this cost in any special way. Some will be passed on, some will be negotiated in price talks."

Converters increasingly fear that the levy will fall on them.

Local authorities say November is already too late for

The oil in the machine...

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In April, I commented on the proliferation of packaging-related exhibitions being held next year, especially the four taking place in London in a six week period in the Autumn. And this on top of the fact that historically, Pakex (3-7 April, 95) has drained the packaging industry's promotional budget by the time it has closed its doors.

Recently, there has been much talk of the demise of Pakex as an event, to the extent that the popularity of specialist shows will overtake the ground held by the large international exhibitions. This 'talk' has been further fuelled by the withdrawal of companies such as Lawson Mardon Group, SCA Packaging and the like, as much as anything else (see page 6).

The view that large shows are dying on their feet because of the lack of large corporate stands does not quite stack up. Indeed, the decision by some of the large multinational groups to not attend in a corporate flag waving context, but to still allow their subsidiaries to exhibit, may make Pakex a more targeted event than previously.

For instance, the person that steps onto a large stand which incorporates 25 separate divisions is unlikely to want to talk to more than two of these companies. It makes little difference to the visitor if they are on a group or individual stand. Indeed, it could be argued that a visit to a medium sized stand is easier.

This is not to denigrate companies that continue to value the group marketing approach, however. What interests me on this matter, is the paranoia of packaging companies about what the size of their stands says about them. Surely marketeers from all industries buying packaging are now more sophisticated than that?

Obviously, if the whole CarnaudMetalbox Group was exhibiting in a small shell scheme, it would be the gossip of the exhibition. But surely it would not cause such a furor if one of its profit centres in, say promotional packaging took up a similar amount of space?

Costs are, of course and you can hardly blame a large company for not wanting to spend half a million pounds on a purely promotional exercise. But, for the subsidiary companies that do not have the pressure of 'having' to go for large space to preserve their image, Pakex does offer the potential of 50,000 visitors.

If, and it is a big if at this stage, Pakex 95 does manage to attract this type of exhibitor then, it could be argued, it will be a far more focused and targeted event for the visitor than previous shows. Indeed, exactly the buzz words used to promote the smaller, specialist exhibitions.

Rather than assume Pakex 95 will fail because it will not have exactly the same exhibitor profile as Pakex 92 or 89, shouldn't we consider that it is precisely this change that could be of most value to the visitor?

Gail Lea, Editor

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Foil tray offers food savings



Aluminium foil tray by Alcan Eko: 170mm square

This four compartment muffin tray, said to offer food producers the potential for savings in product handling and packaging costs, is available from Alcan Eko Packaging.

The aluminium foil tray is 170mm square with the 'top-out' diameter of its four round compartments measuring 64mm. It is suitable for a variety of products, including

For further information 129 0839 772288

Board cartel is heavily fined

Record fines totalling ECU132.15 million (£104 million) have been imposed on 19 European cartonboard producers by the European Commission (EC) for running an "elaborate and institutionalised price fixing and market sharing cartel" since 1986.

Half of the firms did not deny the allegations. However, some are still insisting that the meetings held in luxury hotels in Zurich had been no more than social occasions and are considering an appeal.

Those fined are Buchmann GmbH, Cascades sa, Enso-Gutzeit, Europe Carton, Fianboard (4 companies), Fiskeby, Gruber & Weber GmbH, KNP BT nv, BPB de Eendracht, Laakmann, Mayr-Melnhof, MoDo (Iggensund), Rena, Sario, SCA Holding Ltd, Stora, Enso Espanola, Moritz J Weig kg and Papeteries de Lancey. They have just three months to pay. The levels of the fine takes account of the gravity and duration of the infringement and distinguishes between

ringleaders and the 'ordinary' members of the cartel.

Between 1987 and 1990 cartonboard consumption in Western Europe rose by almost 20 per cent. Prices were increased usually twice a year by up to 10 per cent in spite of determined customer resistance and a fall in pulp prices, says the EC. Firms which were suspected of deviating from the plan were required to explain themselves and pressure was put on them to raise prices, according to the EC.

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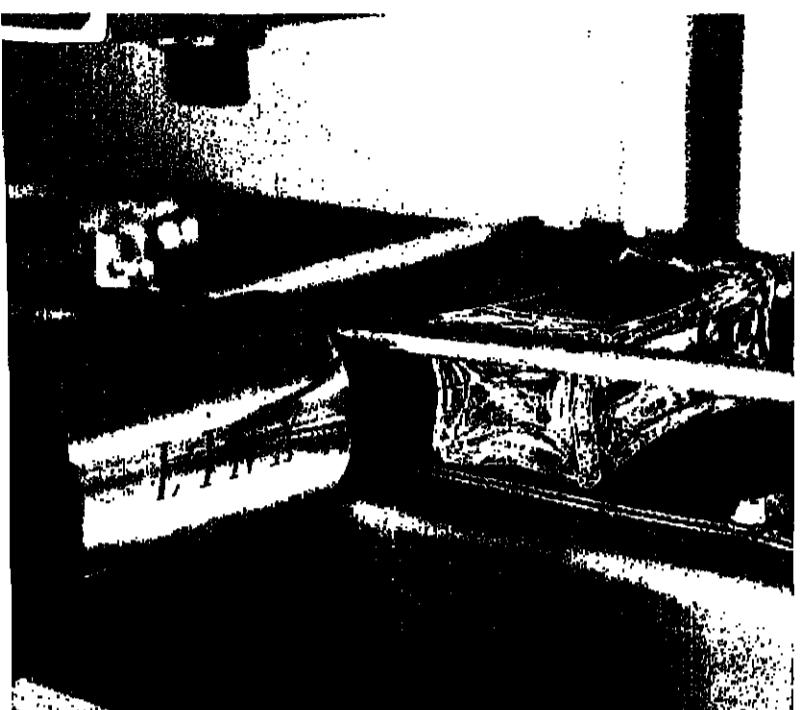
With the introduction of the new range of individual units, this ensures maximum efficiency and the best possible cost effectiveness.

Inkjet stores messages

Broad Oak Toiletries in Devon, has installed a Linx 4200 series continuous inkjet printer at its plant in Tiverton. It is the first UK installation and is being used to print up to two lines of product codes

printer installed some 18 months ago, the 4200 unit replaces the debossing and batch code systems used previously. Runs vary from 500 to 35,000 items at Broad Oak.

Using a Midi printhead, the



The Linx 4200 at Broad Oak Toiletries, applying codes to glass perfume bottles

onto plastics and glass bottles containing shampoos, bath gels, perfumes and colognes.

Together with a Linx 4000

system prints characters 3mm high in Linx's ethanol-based, odour free ink. A key feature is the message storage facility

know to be reliable and clean," explains Mr Johns.

For further information 141 0838 772268

EU Directive looks set for conciliation as Belgium withholds endorsement

The European Union's (EU) Packaging Directive looks set to go to conciliation. This will delay the Directive's adoption until the end of the year, with the possibility of it being thrown out and the process beginning all over again.

Belgium has refused to endorse the Directive, as it is still unhappy about the ambiguous wording of Article 31 on 'economic instruments' (see PN July). Belgium has been given a few more weeks in which to change its mind.

However, most governments are now resigned to the fact that conciliation will go ahead. The UK Department of Environment tells PN: "It is disappointing. But there is nothing we can do. We just have to wait and see what happens in conciliation."

David Bowe MEP tells PN that: "Everything's up for

pens in conciliation."

Member states had sought to avoid conciliation at all costs, since it is a new procedure giving MEPs significantly more powers and as yet untried by the EU.

"MEPs may attempt to reopen debate on targets"

It is widely feared by many industry associations that the MEPs will seek to broaden the scope of the conciliation debate and attempt to reopen the debate on targets.

David Bowe MEP tells PN that: "Everything's up for

grabs. We will open up any area there is to explore in conciliation. We will change economic instruments but it will cost the Council of Ministers."

It now remains for the Council of Ministers to notify the Parliament that it wishes to start conciliation. It is unlikely that the process will get underway until after the summer recess in September.

Stage one should take around six weeks. However, ultimately if no agreement can be reached, the European Parliament can veto the Directive with an absolute majority.

Lyn Trytsman-Gray, director general of the Alliance of Beverage Cartons and the Environment, tells PN: "At least [the Directive] was proceeding fairly speedily, but now it has all fallen apart and it could go back to square one. The Belgians are completely unbridgeable, and even the Germans are a bit miffed that the Belgians have not accepted the Directive, because they are not keen to broker a compromise."

Jars from hot-fill pet/pen blend

Hot-fill pet, blended with pen for higher fill temperatures, is now being moulded by Skillpack of the Netherlands into wide-mouthed jars, with a range of bottles also available.

The Skillpenny range includes shatterproof, glassclear, squeezable and rigid options. High barrier is another advantage of the material. Existing hot-fill pet is specially treated, says Skillpack (Vosseindal 12, 4878 AE Etten-Leur, Netherlands - tel: 010 31 1608 14000, fax: 16350), but is limited in the temperatures that it can withstand.

"We expect the filling temperatures required for Skillpenny to be between 85 and 95deg C," says Cees Killesijn, md of the company.

However, by increasing the proportion of pen and consequently increasing the cost, temperatures can be as high as 110deg C, he tells PN.

Commercial applications

appearing over the next few months are expected to include hot-fill ketchups and marmalade.

For further information 140 0838 772268



The wide-mouthed jars: suitable for hot-fill ketchups and marmalade



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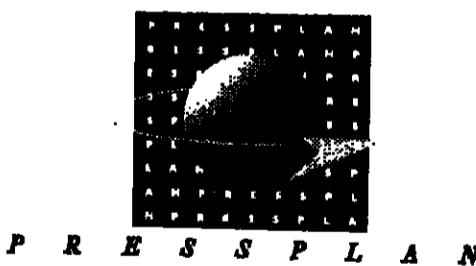
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Resealable closure can be used on range of pe films

In its first commercial application, the Ziptite reseal system for flexible packaging is being run with pe film for 4lb bags of frozen vegetables. Ziptite from Hanlex Ltd, can be used on standard mono pe film, co-extruded pe or complex laminates.

Tenda frost, which packs the product, worked with Hanlex to develop a system fitting into its existing line.

Retail packs will use co-extruded pe, but Tenda frost says it has run mono pe with Ziptite without any problem.

The seal has a special one-way action which makes it easy to open from the outside, but very resistant to popping open if, for example a full pack is dropped on the floor," he says.

To ensure that Ziptite is compatible with industry standards and can be easily adopted at minimum cost, Hanlex has worked with Lawson Marion and Thomas' Europe.

"As products are packed, the Ziptite closures are heat fused straight into the pack-

For further information K8 Call for details
137 0839 772268

Flowmeter systems beat milk giveaway

Dairies are turning to precision flowmeter and weigh/fill equipment in an effort to beat giveaway on the larger sizes of polybottle for milk, say filling machinery manufacturers.

Usually used for high value added product, flowmeter technology is used on a rotary filler from BWI Dawson which has milk among its target markets. According to BWI, the high volumes of the milk industry, and the propensity of level filling to accumulate large amounts of giveaway with semi-rigid bottles, make the technology viable for dairies, even though investment may be twice or three times as much.

Flexing of container sidewalls, which can lead to overfilling on level filled pe bottles, can be overcome by the inductive flowmeter technology, says BWI, which accurately gauges volumes of water-based product by inducing and metering electric current. The problem is largely confined to the UK dairy industry, says BWI; polybottles used in the US, for example, tend to be heavier.

Irrespective of variation in container dimensions, product is filled within a $\pm 1.5\text{g}$ tolerance at speeds of up to 350 containers a minute for 2 pint sizes, says the manufacturer (Gomersal, Cleckheaton, W Yorks BD19 4LQ - tel: 0274 87422, fax: 874930).

Italian machinery manufacturers have previously produced induction flowmeter equipment, and GEI Filling Capping and Labelling brought out two rotary liquid



BWI filling valve and flowmeter assembly with clean in place (CIP) trough

Industrial Estate, Hythe Road, Ashford, Kent TN24 8DS - tel: 0233 629161, fax: 639560.

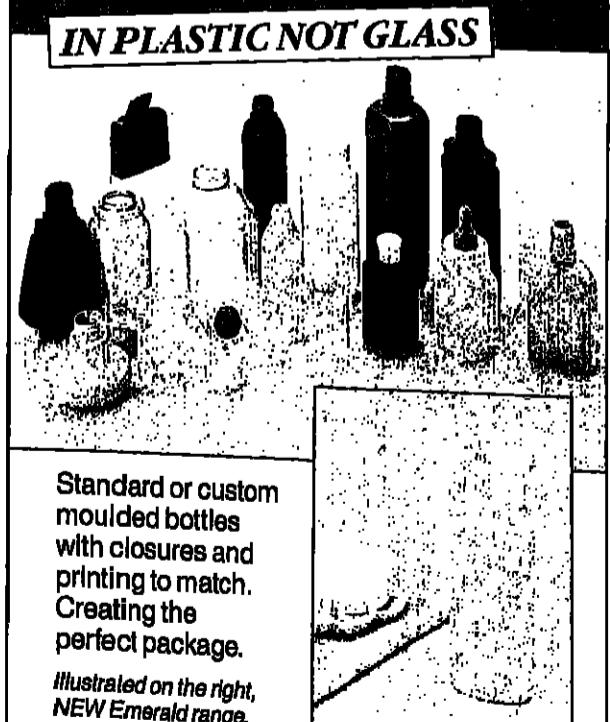
Later this month two major dairies are due to begin on-site trials of the system from BWI. Payback is said to be within a year. The filler is also suitable for juices, personal care and household products. There is a choice of closure systems.

An alternative approach used by level fillers is to adjust dosing on the evidence of off-line testing of volumes.

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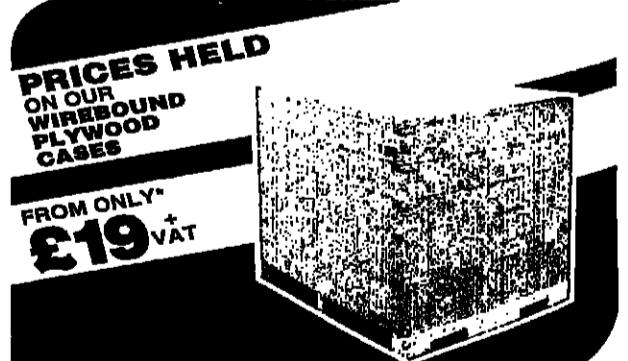
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DATA & DESIGN INFORMATION 1001

Bigger PPMA is sold out

many companies now view PPMA as the most important event for product launches

the centre. Halls 1 and 2 have been booked which gives around 6000sq m of space, but

provides members with a matchless opportunity to meet their customers in an annual format with a difference, says the PPMA.

One thing that the PPMA stresses about the London show is that the price per sq mtre is £115 to members and £155 to non-members subject to availability.

Further details on the two shows are available from the PPMA (Progress House, 404 Brighton Road, South Croydon, Surrey CR2 6AN - tel: 081-681 8226, fax: 081-681 1641).

A full preview to this year's show will be in our September issue.

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Processing and Packaging Machinery Association

because of the dedicated theme and calibre of visitor," he added.

At the same time, PPMA has just launched the 1995 event, which will move from the NEC for one year, because of Pakex 95, to the Wembley Conference Centre. It will run from 14 to 16 November, and it is hoped to fill three halls at

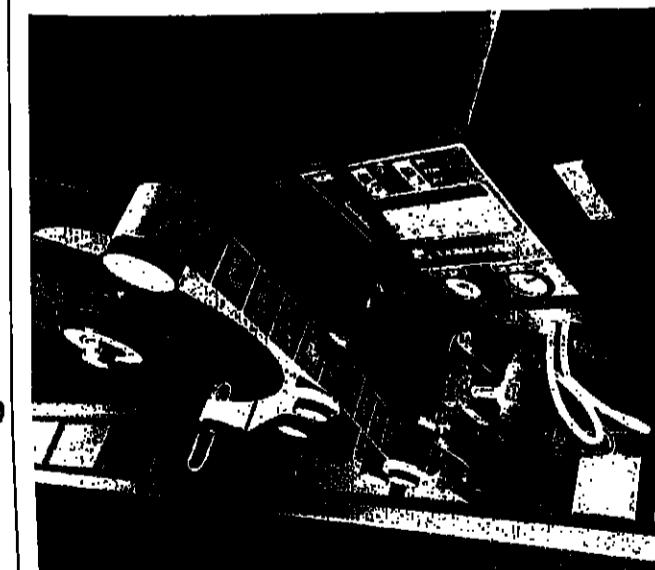
an option on a third hall could bring the total size up to this year's levels.

According to the PPMA, it has established its exhibition cycle for the foreseeable future by putting the 1995 show into this slot. Two years at the NEC, Birmingham followed by a London event,

Radio frequency tags completely integrated

Complete integration of radio frequency (rf) tags into packs, as well as automatic labelling, is possible with Checkpoint Systems' Impulse technology, currently being specified by at least one major US-drugstore chain for high risk items.

The rationale behind the system is not only that shoplifting is deterred and detected, but also that retailers are able to maximise sales by displaying more product outside cases where it would otherwise be a security risk and stocking more high cost/high margin items.



Checkpoint Systems radio frequency technology for source tagging

board presentation carton.

This approach of complete integration has been followed by several US manufacturers supplying the Walgreen chain of drugstores. This nationwide mass-merchandising retailer has identified categories of product which require source tagging, says Checkpoint UK md Ray Higgs, and is telling potential suppliers which system to integrate.

Deactivation can occur automatically at the checkout, with systems integrated with barcode scanners. Tags will be deactivated as long as they pass inside a 'bubble' up to 12 inches from the scanner, says Checkpoint (Unit 13, Ash Industrial Estate, Flex Meadow, Harlow, Essex CM19 5TJ - tel: 0279 452233, fax: 452884).

Packs of Kodak film and Victorinox Swiss Army knives are among the products which are having tagging built in, making it both inaccessible for possible removal and invisible.

"It's just got to be led by the retailers telling their suppliers that they need this sort of

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Packaging levy: Government must act fast

As *Packaging News* went to press, Sir Sydney Lipworth's long-awaited report on the levy to finance the Producer Responsibility Group's (PRG) national infrastructure and recycling scheme was wending its way to the PRG offices.

expressed over dealing with packaging in isolation, rather than as part of a national approach to waste management.

- Legislation: the support for legislative backing was almost universal.

During the wait, the PRG has published its interim report on the main body of the scheme, *Public Consultation on the PRG Plan*, in which ten major recommendations are made. These include:

- Representation: the structure of the PRG and Valpak should allow wider representation of the interests affected.
- Integrated waste management: concern was often

wholhearted support to the plan without the government's assurance that it will enact compliance legislation". As far as the levy goes, failure to ensure legislation may well result in mass non-compliance.

Lending support to the critical issue of underpinning legislation, the House of Commons (HoC) Environment Committee, in its report on Recycling in the UK, says:

"We believe that as the PRG's view is so clearly that enabling legislation is needed, the government should reach an early conclusion on whether or not it will legislate. Clearly, if a decision is taken not to legislate quickly, the Government

will need to produce its own programme as to how these targets may be realised."

James Devereux of Incepne tells *PN*: "The prognosis does not look terribly good. The civil servants seem less supportive in the noises they are making now about legislation.

"One problem is the vehicle for it. The only primary legislation you can bolt it to is the Environmental Protection Act, but there is a problem with this at present."

Following the consultation period on Sir Sydney's report of about a month, the PRG plan will be revised to take account of comments made during the main consultation



Christopher Stewart-Smith has been appointed the independent chairman of PRG. He is on secondment from ICI and will oversee the PRG until Valpak is set up

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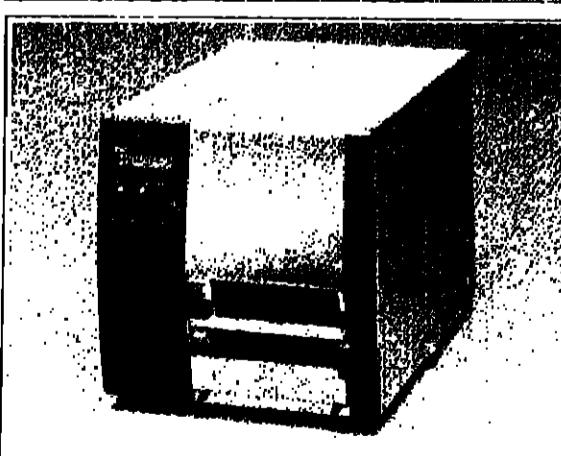
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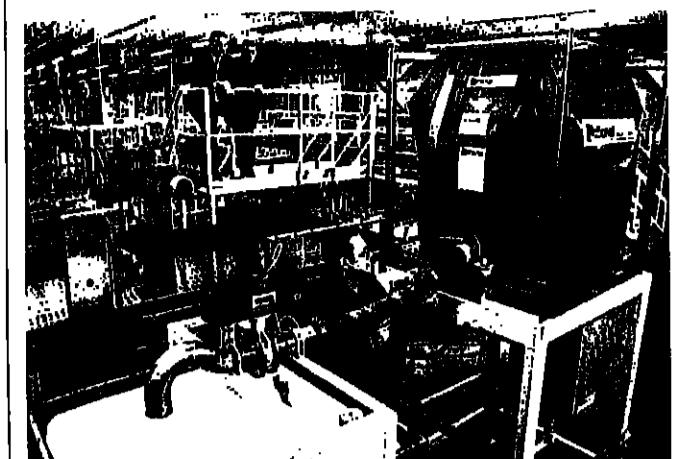
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Embossed elegance

A combination of embossed flint glass and a label on linen embossed metallised paper have given a elegant and traditional look to Old Speckled Hen premium pale ale.

Building on the rich, light colour of the beer, the brewer - Morland of Abingdon - selected flint glass for the 500ml bottle, which is embossed with the company's logo around the neck and 'Brewers since 1711' at the base. A tapered neck and shaped shoulder are incorporated into the design.

The bottle, designed to capitalise on off-trade sales for the brand, is produced by



The Eclipse semi-bulk adhesive container by National Starch and Chemical, linked to the automatic line supply system at Guinness

Adhesive system savings

In the first installation of National Starch and Chemical's Eclipse ibc adhesive system for labelling on a conventional bottling line, Guinness Packaging reports both savings and increased line efficiencies.

On the

PRG's Public Consultation paper calls on the government to demonstrate its support for wte schemes, adding that the PRG must also develop plans to promote higher public acceptability of wte as an energy recovery method to combat public opposition to these plants.

Consumer attitudes and behaviour were also discussed in relation to the levy. Some submissions said that the levy was too small to affect consumer behaviour and that more recognition should be given to the role of consumer awareness by defining and specifying where responsibility will lie for its achievement.

Additionally on the funding front, strong recommendations were made that a comprehensive audit be carried out by Valpak and the material organisations prior to the finalisation of the plan.

and storage systems. Starting with one of the two principal bottling lines, an automatic feed system was introduced using 1000 litre collapsible Eclipse Autofil ibcs. The container design allows for gravity feed into a fixed tank via a fill valve with level sensor.

From the fixed tank, adhesive is fed to two movable heated and insulated feeder container adjacent to the labeller. Level sensors here control demand upstream from the primary tank. Adhesive is kept at controlled temperatures throughout the automatic feed system.

The system for the first line was commissioned at the beginning of the year, and an order for the second line has been confirmed with National (Galvin Road, Slough, Berks SL1 4DF - tel: 0753 533494, fax: 539338).

"Our operators are freed up to concentrate more on overall line output, and our adhesive usage has been measurably reduced," says Alan McGowan, project engineer at the Guinness Runcorn site.

The Etilcol 909 casein adhesive is said to give cleaner running than alternative adhesive waste, improved efficiency, lower handling costs and better quality control from constant temperatures in an enclosed system. National had already converted many customers to its bulk and semi-bulk transit

systems.

BEATSON CLARK (The Glass Works, Greasbrough Rd, Rotherham, S Yorks S60 1TZ - tel: 0279 828141, fax: 828476).

The octagonal label is printed in six colours offset litho on linen embossed metallised paper for a non-reflective and textured finish, by BH Matthews (Whitby Road, Bristol BS4 3QS - tel: 0272 714147, fax: 723193).

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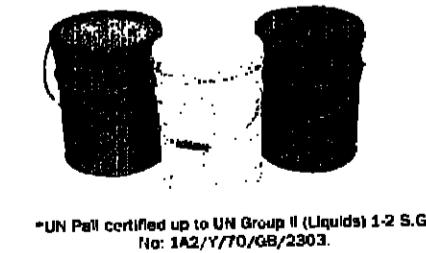
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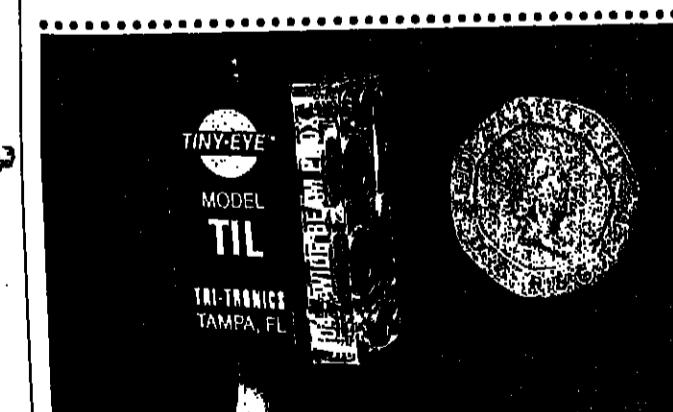
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T & D PACKAGING



The Tiny-Eye miniature sensor system by Taylor Dynamic Controls

The smallest sensor

The smallest sensor to date to be supplied by Taylor Dynamic Controls is the Tiny-Eye which, despite its size, can operate in a number of modes and different conditions.

The miniature system, which will sense faulty product such as half full or empty bottles on a filling line, is waterproof and proof against extremes of temperature.

Changes to the optical block will give permutations which include retroreflective,

polised, proximity, opposed, fibre optic or convergent sensing, says Taylor (Yew House, Walton, Lutterworth, Leics LE17 5RP - tel: 0455 554956, fax: 558148).

High impact polycarbonate

is used for the casing and the sensors are protected against reverse polarity. Last year, the company - agent for US manufacturer Tri-Tronics - introduced the Tiny Eye to the UK.

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WORLD CUP WIN, WORLD CLASS PACKS

Recovering from a headier World Cup back in 1966, fans could toast England's victory with Sauterne from a pvc bottle. It was pvc with everything - unless of course it could be put into an aerosol.

Not everything was going the way of plastics in 1966. Cartons were in demand, with Taylors Ltd having to step up its production despite already having driven output up by 25 per cent the previous year. An additional Roland press was being installed and an Arrow straight-line gluer.

In March '66, for the first time, bone china manufacturers found a "worthwhile alternative to straw" for transit protection of their product. The Polytite skin packaging system could provide safety for ceramics while taking a fraction of the time to pack.

A Sidel/Lesieur machine was allowing Kingston Mouldings to produce up to 2,400 26oz pvc bottles an hour for J&G Colman's Robinsons brand drinks. This followed Colman's decision to replace glass bottles with plastics bottles of Robinsons drinks on a national scale.

Sauterne and Burgundy wines were also being marketed in pvc bottles. Marrick Manufacturing was installing equipment to give it an

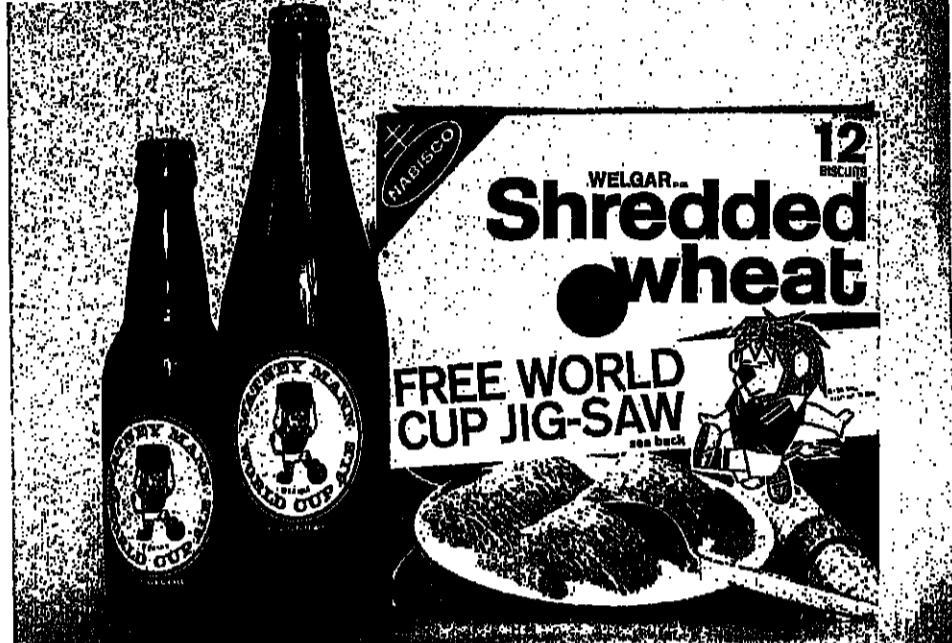
annual production capacity of around 75 million bottles on the strength of this demand.

The relative cheapness of plastics continued to excite users of packaging - and the press. Under the dramatic banner: "Plastics pack crash paper price barrier" a Mr J (Jack) Schneider boasted, "Name almost any paper, board, plastics or glass pack and the Extruflex can produce it cheaper." But the history of this system appears to demonstrate, whatever the present received wisdom in the UK might be, that price is not everything.

British Home Stores had opted for a plastics Ovotherm pack for its eggs. Manufactured by Thermopac, the container was said to have the distinct advantage of giving visibility to the product.

Own brand image was as much a hot issue in the '60s as it is now. Spar redesigned its packaging with the new "triangle in a box" logo, we were told in September 1966.

Aerosols were the subject of the latest market predictions in '66, with BAMA (British Aerosol Manufacturers Association) estimating that within ten years consumption in the UK would rise



1966 WORLD CUP FEVER WAS REFLECTED IN PROMOTIONAL PACKS OF THE TIME

from 2.1 per person to nine. Trends from the USA suggested that aerosol sizes would increase, with more over the 12oz capacity being used.

In December, PN led with a report into an aerosol ffs line which blowmoulded, filled and sealed packs. Developed by Rhône-Poulenc, the system was presented at the Salon de l'Emballage. Licensees were expected to begin production in the UK.

In the same month,

the British Oxygen Company Ltd demonstrated how nitrogen could replace oxygen inside a pack. "Any low permeability package or packaging material is suitable for use with inert nitrogen protection," PN told readers.

Not often seen on the pages of PN was the British Hovercraft Corporation. In October '66 we featured its Hoverpallet, to be shown at Food-pack, capable of lifting up to 400lb. The necessary amounts of air to lift the base could be provided by a domestic vacuum cleaner, said the manufacturer. In the following year, a production model was announced by US Clark Equipment.

Low strength in films used for shrinkwrapping product was among the packaging complaints from wholesale grocers reported in

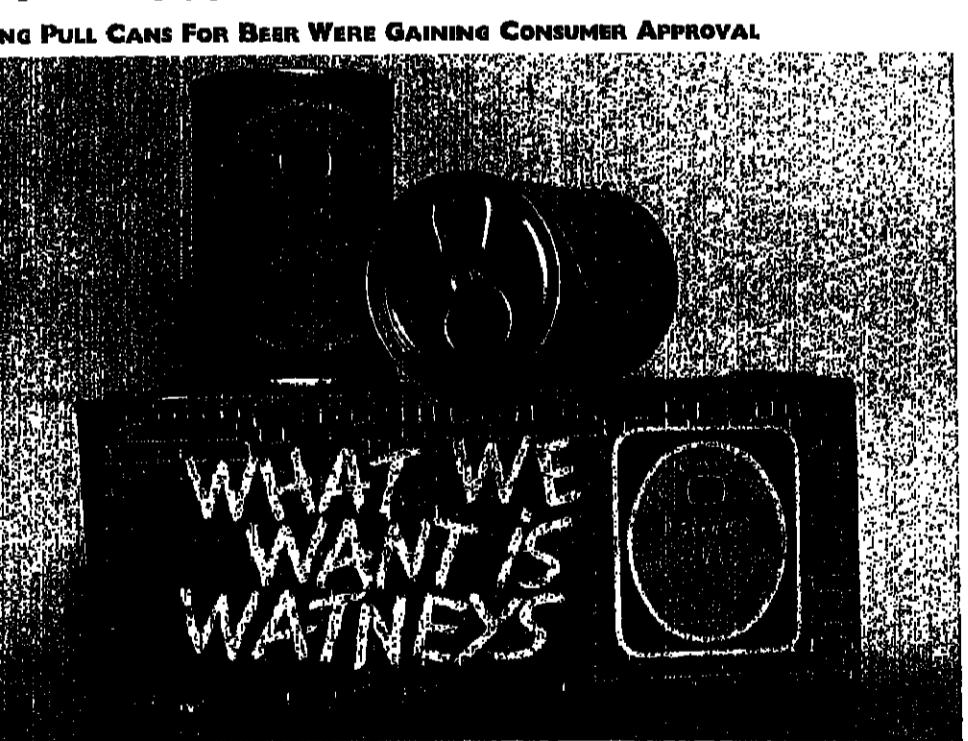


TWIX AND MARATHON ARE AMONG THE SURVIVING BRAND NAMES LAUNCHED IN THE '60S

with a total value of many hundreds of pounds.

Tetra Paks were reported in January '67 to be adaptable for use in edible oils, other food products and motor oils, with the use of an ionomer resin coating. Surlyn A resin was being used to coat materials packing edible oils in Spain and Mexico, said PN.

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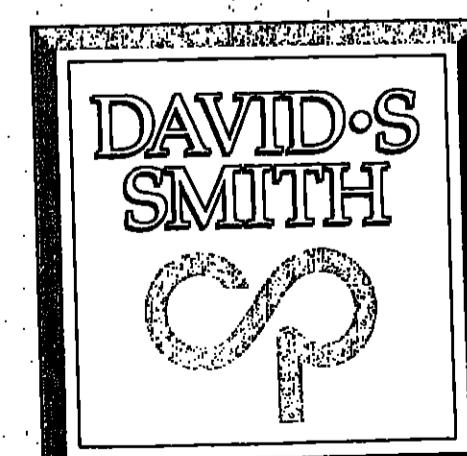
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Exhibition, Jakarta, Indonesia. Top
Repute Co. 2102 Fu Fai Commercial
Centre, 27 Hillier Street, Hong Kong -
tel: 852-851-8503

18-21 August
Foodmac
International packaging and food
processing exhibition, Kuala Lumpur,
Malaysia. ADG Exhibitions, 1 Woodside
Road, Amersham, Bucks HP6 6AA - tel:
0994-729406

30-31 August/September
BUERA

Trade fair for the printing industry,
Leipzig, Germany. Intech Overseas Fairs
Ltd, P O Box 142, Rochester, Kent ME3
7NR - tel: 0474-824092

31-3 August/September
AsiaFood

International exhibition of food
processing, packaging and handling
machinery, equipment and technology,
Manila, Philippines. Trade Information
Marketing and Exhibitions, S-224
Secretariat Building, PICC, CCP
Complex, Roxas Boulevard, Pasay City,
Manila, Philippines - tel: 632-832 0309

5-8 September
Packukraine '94

International trade exhibition, Kiev,
Messe- und Ausstellungsgesellschaft,
Ost-Handel Consulting mbH, 651
Hamburg, Ulmstrasse 10, D-22299
Hamburg - tel: 040-48 75 90-91, fax:
040 48 75 99

7-10 September
Paperbox World

Folding carton and rigid box exhibition,
New Orleans. National Blenheim
Expositions, Fort Lee Executive Park,
One Executive Drive, Fort Lee, New
Jersey 07024, USA - tel: 1 800 829
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13-16 September
Labelxpo USA '94

Exhibition, Chicago. Labelxpo Exhibitions
Ltd, 131 Southlands Road, Bromley,
Kent BR2 9OT - tel: 081-313 9335

15-20 September
CIP

Packaging trade fair, Beijing. NOWEA
International, Ms Ute Windhausen,
Postfach 10 06, 40001 Düsseldorf -
tel: +49 211/4560-743

18-20 September
Tokyo Pack

Exhibition of packaging materials and

machinery, food processing machinery
and equipment, Tokyo, Japan. Japan
Packaging Institute, 7F Kashikichi
Ningyo-cho Bldg, 3-10-1, Ningyo-cho
Nihonbashi Chuo-ku, Tokyo 103, Japan
- tel: 03-3 3249 6301

20 September
Introduction to labels and
labeling technology
Two separate tech-ins, the Grand Hotel
Krasnapolsky, Amsterdam. Clare Brophy,
event coordinator, Co-wise Management
and Training Services, 131 Southlands
Road, Bromley, Kent BR2 9OT - tel: 081-
313 3713

20-23 September
Convertex '94
Trade show dedicated to the paper,
board, film, plastics and loll converting
industries, NEC, Birmingham. Jane
Harris, Marketing Manager, Reed
Exhibition Companies (UK), Oriel House,
26 The Quadrant, Richmond, Surrey
TW9 1DL - tel: 081-948 9800

21-22 September
EASIME '94
European adhesives and sealants
manufacturing exhibition, Bordeaux,
France. Jane Malcolm-Coe, FMJ
International Publications Ltd,
Queensway House, 2 Queensway,
Redhill, Surrey RH1 1OS - tel: 0737
765611, fax: 761685

22-25 September
Packaging Focus '94
Packaging exhibition and conference,
on board P&O's Sea Princess, Richmond
Events, London House, 243-253 Lower
Mortlake Road, Richmond TW9 2LS - tel:
081-332 2422

22-25 September
Printpack 8/ProcessFood '94
Pan Arab printing and packaging
exhibition, Cairo International
Convention Center, Egypt. The Arab
Communication Group - tel: 20 2 348
4351

22-25 September
Thai PackPrint
Packaging and printing exhibition and
conference, Bangkok, Thailand. Reed
Trade Co Ltd - tel: 010 662 260 7103
8, fax: 260 7109

27-28 September
PPMA Show
Machinery exhibition, NEC, Birmingham.
PPMA Ltd, Progress House, 404
Brighton Road, South Croydon, Surrey
CR2 6AN - tel: 081-681 8226

DIARY

27-30 September
Materials, handling, storage and
packaging
Exhibition, Oslo, Norway. Norges
Varmeses, Boks 130 Skøyen, Oslo
0212, Norway - tel: 47 22439100

27-30 September
Siblabaz
Packaging Exhibition, Novosibirsk,
Siberia. Overseas Trade Show Agencies,
11 Manchester Square, London W1M
5AB - tel: 071-486 1951

28-30 September
AFERA Congress
Congress of the European Self Adhesive
Tape Manufacturers, Arment, France.
AFERA Secretariat, 60 rue Auber, F
94048 Vitry Sur Seine Cedex, France -
tel: 01 331 45 21 03 50

28-30 September
FachPack 94
Trade fair for packaging, labelling and
storage technology, Nuremberg.
Vorstander NürnbergMesse GmbH,
Messzenzentr, D-90471 Nürnberg - tel:
+091/8606-0, fax: 8606-255

28-30 September
2nd International Transit
Packaging conference and
exhibition
Conference and exhibition, Orlando,
Florida. Moira Erwin, Pira International -
tel: 0372 376161, fax: 0372 377526

28-31 September/October 4
Teropak
Packaging exhibition, Poznan, Poland.
Overseas Trade Show Agencies, 11
Manchester Square, London W1M 5AB - tel:
071-486 1951

1-5 October
Typopack
International graphic arts and packaging
exhibition, Thessaloniki, Greece. ICO Int
Tsimikou, PO Box 19025, Athens 11
10, Greece - tel: 30 901 0016

3-7 October
Europlast 94
International plastics and rubber
exhibition, Paris-Nord Exhibition Centre.
Michele Jackson or Catherine Chilcott,
Promotions, The Colonades, 82
Bishops Bridge Road, London W2 6BB -
tel: 071-221 3660, fax: 792 3525

4-6 October
Polypropylene '94
Conference, Swissotel, Zurich,
Switzerland. Mead Business Services
International Events Ltd, Beech House,
840 Brighton Road, Purley, Surrey CR8

5-8 October
Interplas
International exhibition for plastic
processing, Tel Aviv, Israel. Israel Trade Fairs
Center, PO Box 21075, 61210 Tel Aviv, Israel
- tel: 972 3 646 2422

10-13 October
Ispack
International packaging exhibition, Tel
Aviv, Israel. Israel Trade Fairs Center,
PO Box 21075, 61210 Tel Aviv, Israel
- tel: 972 3 646 2422

10-13 October
Interfood Shangai
International exhibition for food
processing and packaging equipment,
Shanghai, China. Shanghai International
Trade Information - tel: 86 21 546 3810

10-13 October
IEFP
Exhibition for food processors, Los
Angeles. Food Processing Machinery
and Supplies Association, 200
Dairfield Road, Alexandria, VA
22314-2800, USA - tel: 1 703 684 1088

12-16 October
PPP China
International trade fair for packaging,
printing and paper, Tianjin, China.
Tianjin World Economy Trade and
Exhibition Centre, 32 You Yi Road, Hoxi
District, Tianjin 300061, China - tel: 081-
22 342 222

14-19 October
Interfood Shangai
International exhibition for food
processing and packaging equipment,
Shanghai, China. Shanghai International
Trade Information - tel: 86 21 546 3810

19-20 October
Pakex & Process Ireland
Ireland's national packaging and process
exhibition, the National Exhibition Centre
- The Point Dublin. McCann McGuirk
Presentations, Greenmount House,
Harold's Cross Road, Dublin 6W, Ireland
- tel: +4532497/4532493, fax: 4544179

24-28 October
Specialty Plastics '94
Conference, Swissotel, Zurich,
Switzerland. Mead Business Services -
tel: 010 41 781 30 40, fax: 781 15 69

24-28 October
OIA
International exhibition for the food and
beverage industries, Paris, France - tel:
33 1 4268 0619

31-4 October
International packaging
machinery, equipment, materials
and printing trade fair
Minsk, Belarus. Minskexpo, Masherova

17-18 October 1995
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14-19 November 1994
Emballage
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3-7 April 1995
Pakex
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17-18 October 1995
National Packaging Plus
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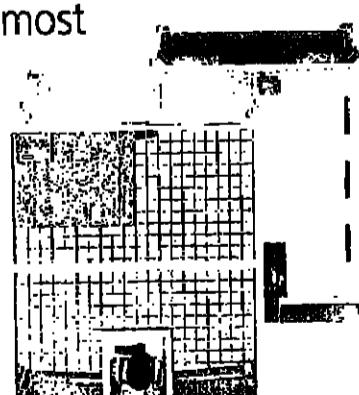
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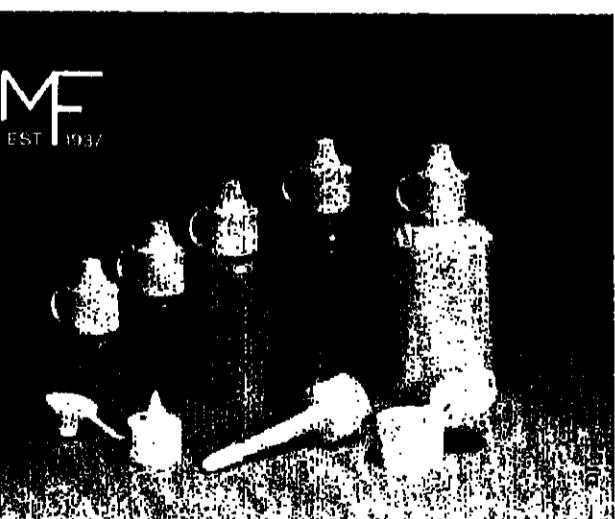
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Company with a clear conscience

Around 3.54 million containers were rescued by The Body Shop UK in 1993/4, according to its third environmental statement, *The Green Book 3*.

The firm also increased refunds by 6 per cent in UK shops and upped the collection rate for plastics containers. In the USA over 183,000 containers were recycled and 21,000 bottles were refilled. In addition, "We are working with the United States Environmental Protection Agency to assist in producing guidelines for Life Cycle Assessment."

One of the few UK firms to carry out an environmental audit, The Body Shop tells *PW* it has a five-grade environmental

accreditation scheme for suppliers of raw materials through third party manufacturers.

The company has made a move towards using less cardboard for its transit packaging with most shops receiving deliveries in roll cages (61 per cent) and recycled plastics tote boxes (22 per cent).

"No financial advantage"

Although good environmental practice is a fundamental company ethic, David Wheeler, general manager environment, health and safety, tells *Packaging News*: "There is no financial

Medical bags have high cold resistance

"Increased production"

In line with increased production, the company upped its recycling for all plastics, glass, aluminium and steel, as well as pallets.

"We are pleased to report that we met our 1992 target, ensuring 80 per cent of our packaging (excluding colour cosmetics and accessories) would be manufactured from our most readily recyclable materials or have no packaging at all," says the report.

The bags have good cold temperature resistance, and can even store blood at -60 to -80°C without cracking, says

Eastman (UK) address: Brindley House, Corner Hall, Lawn Lane, Hemel Hempstead, Herts HP3 9YT; tel: 0442 241171, fax: 241177.

Benefits derived from extruding the resin in tubular form are the substantial reduction of weld length in comparison to bags made from flat film, and the improvements in interior cleanliness of the product due to the closed

production system, according to the company.

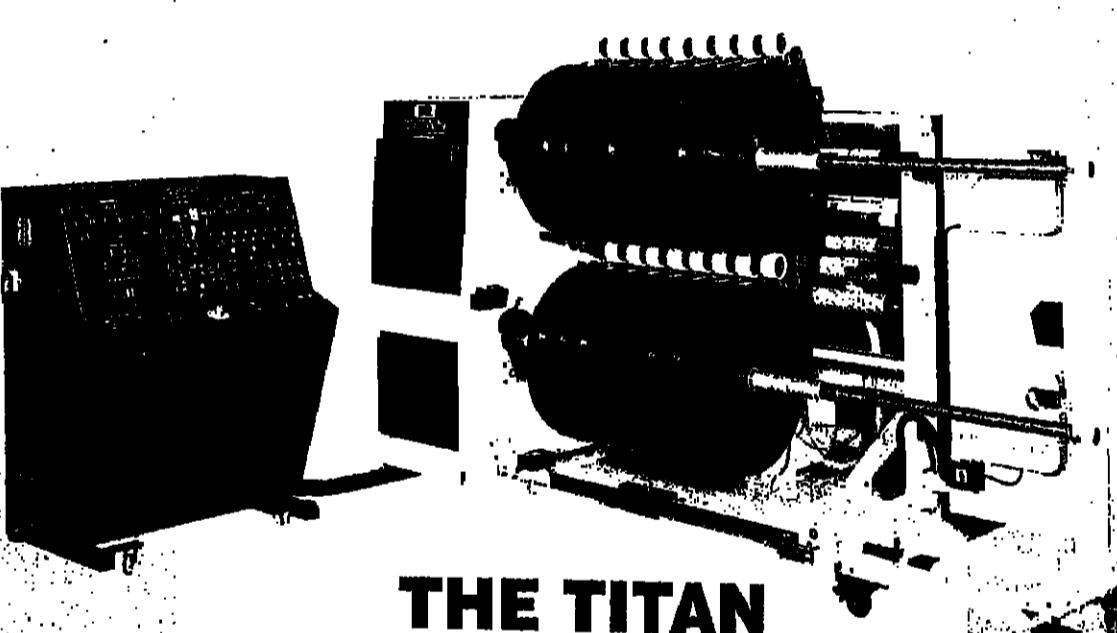
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The 101mm diameter pp pot for salads, from RPC Containers Corby

Ready salads in pp pots

A round 101mm diameter polypropylene pot has been launched by RPC Containers Corby for prepared salads and coleslaws.

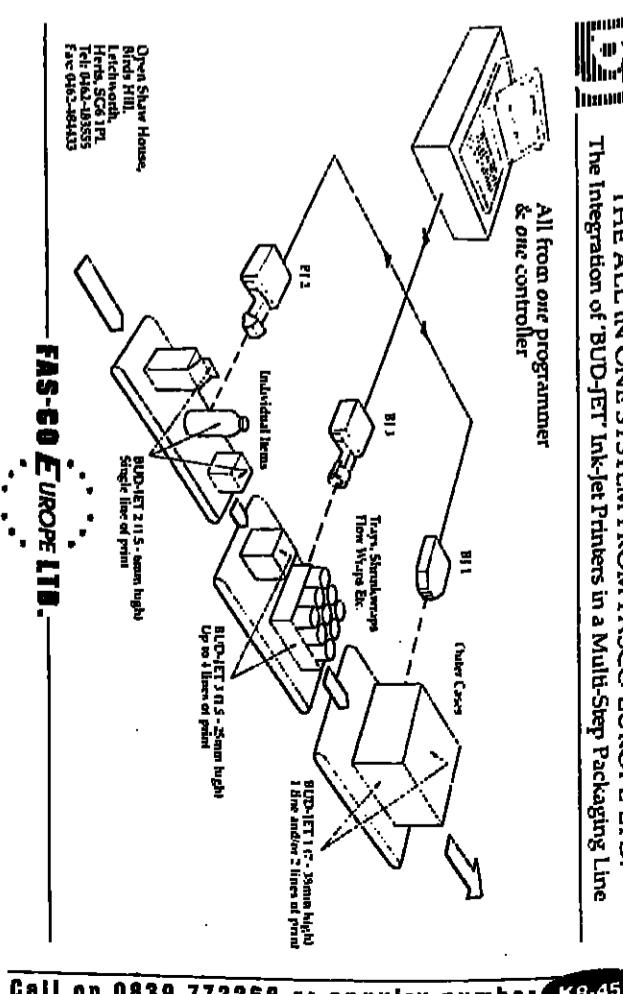
Milborne Foods has adopted this container for the launch of Safeway's premium range of prepared salads such as Pasta and Blue Cheese, Chunky Potato and Beetroot.

"Prepared salads are a growing and competitive market," says Ciara Moore, trade

marketing manager at Safeway. "As such we required a container that would help to differentiate our range and provide maximum on-shelf impact."

Full colour printing on both the pot and lid is provided in-house by RPC (Sallow Road, Weldon Industrial Estate, Corby, Northants NN17 1JX - tel: 0536 63488, fax: 205493).

For further information K8 Call for info 124 0897772222



Call on 0838 772268 or enquiry number K8-451

Paper darts

The Paper Federation, until more recently known as the British Paper & Board Industry Federation (BPBIF), changed its name earlier in the year, as part of an overall effort to keep its message direct, simple and clear.

The federation comprises three main sections - training, employment and trade (business and the environment) - which were separate associations until 1974, when the trade and employment groupings merged, incorporating training in 1984.

The federation is one of the largest federations in the UK, with 42 employees and a turnover of £2.2 million a year, the Paper Federation has 65 member companies, representing around 95 per cent of the industry Europe-wide.

Its mission, director general Jeffery Bartlett tells *Packaging News*, is to assist all sectors of the British paper and board industry to develop and maintain a strong, internationally competitive position.

"Strong links with CEPI"

Apart from its headquarters in Swindon, the federation has offices in London, Bury and Edinburgh and also maintains strong links with CEPI (The Confederation of European Paper Industries) in Brussels. It played a leading part in creating CEPI.

The federation's policies and priorities are outlined in a three-year business plan. Members meet four or five times a year to update policy.

The director general and the chairman - Stefan Kay, mid of Inveresk plc - meet with the 15 councillors regularly to discuss federation business.

"It is very important that we take a long term view," says Mr Bartlett. "For next year the Federation plans a British

MEET THE ASSOCIATION

Camila Reed reports on the activities of the established but newly christened Paper Federation, as it spreads its wings to meet the international demands of its members.

chairman of the PPIC, which will comprise local initiatives, conferences and seminars."

The federation also wants to broaden its activities to include anyone with any link to the paper industry. It offers a service to five other organisations, providing them with services for a fee, including The Packaging Distributors Association and the British Box and Packaging Association.

"The Paper manufacturers are not used to dealing with the public. They have tended to deal with intermediaries, as their customers are not the general public. The industry was not good at putting across its product and on environmental issues it was not well prepared," says Ms Bradley.

Things have changed. The federation publishes an annual review and fact sheets, runs contentious advertising campaigns, sponsors educational projects and has a strong envi-



Kathy Bradley



Jeffery Bartlett

ment committee, which responds to legislation and often ferocious criticism from environmental groups.

The PPIC (tel: 0793 887468, fax: 886182) represents conflicting interests in the pulp and paper chain, since its other five member associations deal with paper agents, importers, pulp, sacks and board.

Statistics is the federation's largest department, with the government calling more and

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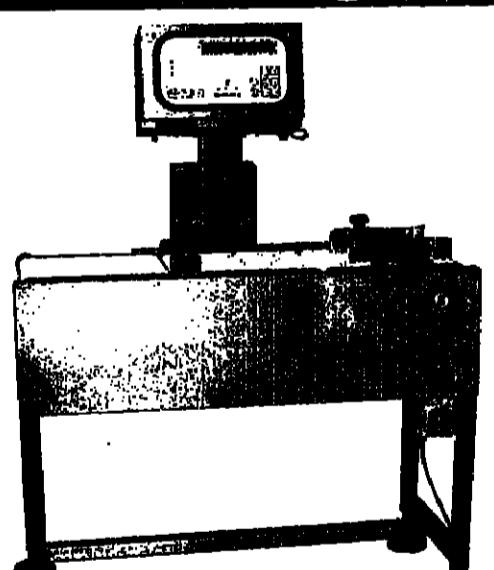
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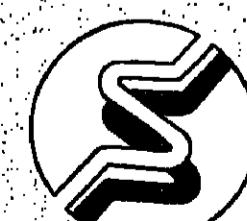
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Fingerprint system gives disciplined brand growth

In a fiercely competitive marketplace with increasing competition from lookalikes, brands must enforce their identity. Design In Action suggests this can be done across the board, on products as diverse as beer and pharmaceuticals, with 'brand genetics'. Here we look at why and how it's done.

Brand integrity and ownership are still under threat, warns Design in Action (DIA) director Trevor Bradford, despite the recent success of Coca Cola in obtaining changes to the packaging of J Sainsbury plc's own label Classic Cola.

Prior to the launch of Sainsbury's cola, the previous Sainsbury's brand had 20 per cent of cola sales at the store. Classic Cola took a 60 per cent share of sales within weeks of its launch, at the expense of the leading brands (see *P&N* June).

"The Coca Cola decision may send messages to other supermarket chains, such as Safeway, which were also considering a similar launch, but the problem is likely to continue," adds Mr Bradford.

Part of the problem stems from the government's unwillingness to amend the Trade Marks Bill, in a way that would allow the British Producers and

Brand Owners Group to clamp down on lookalikes.

The bill had its third reading and was passed with no changes in late June, and the Brand Owners Group is now looking to introduce the issue in a statute on unfair competition, says Paul Walsh, the Group's spokesperson (see *P&N* May).

However, passing off brand products as brand equivalents is

unchanging solidity of that brand, come what may," says Mr Bradford. "The bigger the brand, the more pressure on brand managers to get it right and sometimes this means they are slower to adopt a radical move if it is needed. However,

we certainly don't believe in change just for the sake of it.

"The standard design consultancy approach is, similarly, to create an attractive package without necessarily going into great detail and research into brand personality projection. So far,

Alwyn Road, Wimbledon, London SW19 7AB - tel: 08-879 7090, fax: 081-879 7315; the work done for Courage on its John Smith's Bitter brand. Brand management began on the product 10 years ago.

Over the last decade the John Smith's brand has evolved from a quality regional ale marketed as John Smith's Bitter in its northern heartland and as John Smith's Yorkshire Bitter in its southern markets, to a single national bitter brand, launched in 1991.

John Smith's is the number one bitter in a can in the UK, John Smith's marketing controller, Peter Harding tells *P&N*. "We gave DIA a fairly difficult design brief for the new draught. The can had to be contemporary, modern, attractive and reflect the traditional aspects of the bitter. So far,

A good example of this,

says DIA (Central House,



Original John Smith's Bitter (left) and the new draught-in-can product: key core elements and icons were recombined

possible and therefore more legally defensible.

"The classical brand manager's way of thinking about a brand is that it's immutable. Once established and accepted, a brand manager's role is to protect the integrity, the



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INSTANT identification



The Benylin range of cough remedies was completely revamped by DIA: the brand name is carried in a distinctive lozenge shape

sales have been up 30 per cent year on year and the packaging design has had a major influence on sales."

The basic brand DNA for the John Smith's bitter incorporated icons and symbols which were nationally recognisable - in particular the magnet symbol used for generations. "The magnet is definitely John Smith's property," says Mr Bradford.

"We did not want to cannibalise one design at the expense of another. So we have continued to use the same typeface, the magnet and some of the colours, although the red has been dropped for a cream stripe to represent the creamy head," explains Mr Bradford.

Courage introduced its widget can 18 months after Whitbread launched the Boddington's widget can. "We have been very pleased with the consumer reaction so far. The widget can represents 18 per cent of the canned market at present and we see it growing to

between 30 and 35 per cent. This is where the main canned sales growth will be," says Mr Harding.

The packaging for the Benylin range of cough remedies was recently completely revamped by DIA. The brand name is carried in a lozenge shape and strong descriptors indicate which kind of cough the contents are intended for.

DIA identified core components of the brand identity, its colours, logo forms and identifiers and assessed which of these should be carried forward.

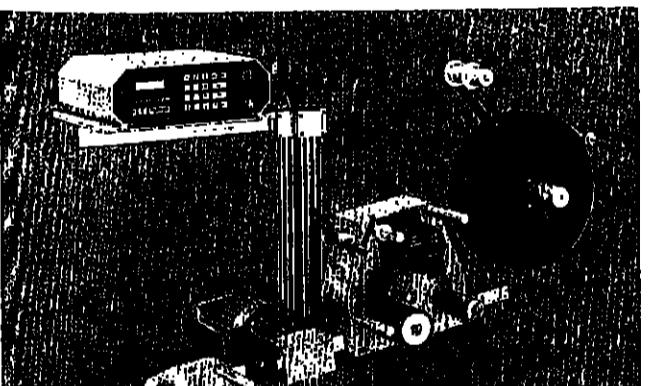
Brand genetics means, in short, establishing the brand's unique genetic fingerprint and then creating a systematic development programme. This assists in protecting that particular brand personality and all future developments against the encroachment of competitors and meets the client's sale objectives, says Mr Bradford.

Courage introduced its widget can 18 months after Whitbread launched the Boddington's widget can. "We have been very pleased with the consumer reaction so far. The widget can represents 18 per cent of the canned market at present and we see it growing to

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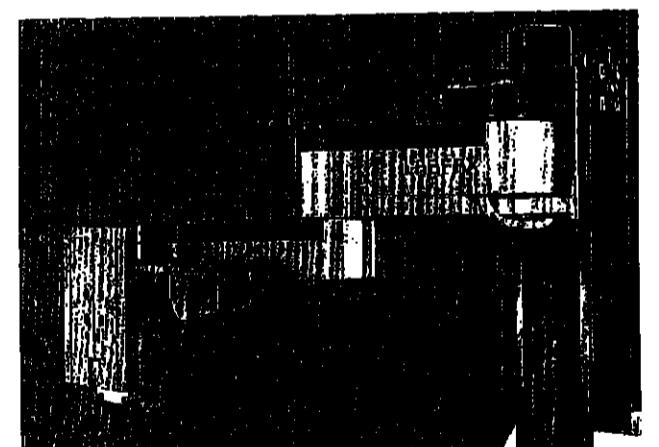
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PEOPLE

Juha Rantanen, ceo and chairman of the executive committee of Borealis, Europe's newest polyolefins producer, has been elected president of the Association of Plastics Manufacturers Europe (APME) for the next two years. He takes over from Dieter Gron of Hoechst and his vice president will be Dr Jürgen Hambrecht, who is senior vice president of the engineering plastics division at BASF.

Ulf Kilander, managing director of AssiDomän Packaging, has announced a new European organisation for the sale of corrugated packaging to major customers. Siegfried Jacobi will take up the position of regional sales director - Central Europe, Terry Wilson is UK sales director and Francesco Noé will be regional sales director for Southern Europe.

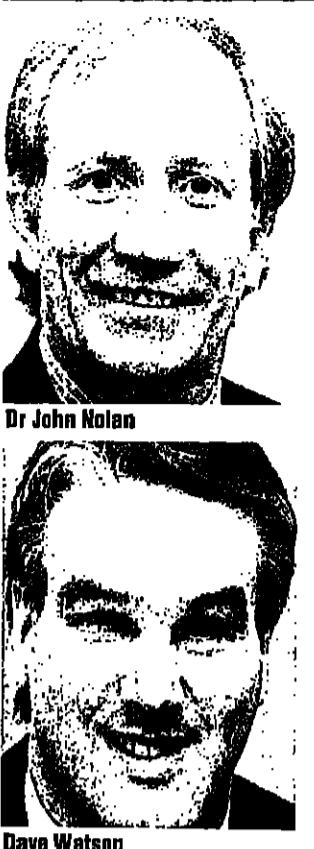
Lars Heidenberg will be

the regional sales director for Southern Europe while Norman Maxwell is appointed European sales co-ordinator. He will be based outside London.

Ronnie Hampel, the current deputy chairman and chief executive of ICI plc, will take over the chairmanship from Sir Denis Henderson in the autumn next year. Charles Miller Smith, an executive director of Unilever and a non-executive director of ICI, will become chief executive of ICI on the same date. He will become an executive director in October of this year.

Chris Young has been appointed sales director by Bratle Adhesive Materials, the self-adhesive tape specialist.

Tony Kendall is now the UK managing director of the newly formed UCB Flexibles Ltd, a part of the packaging division of the UCB Group of Belgium.



Dr John Nolan



Dave Watson

Dr John Nolan has been appointed chief executive of Rockware Glass after more than 20 years' service with Rockware's parent, ACI Glass Packaging, in key technical, operational and general management positions. As chief executive, Dr Nolan will be responsible for directing the company's current initiatives which are designed to further enhance its customer service and technical manufacturing base.

Dave Watson has joined Rockware Glass from fellow ACI Packaging Group member, Rockware Plastics as director of marketing. Mr Watson's role will involve a high degree of contact with customers in the wines and spirits, food and dairy and beers and beverages market sectors.

Jack Jenkins, production director of soft drinks, has retired from brewer Hall & Woodhouse Ltd. His final task

at the company has been evaluating, selecting, negotiating and finally commissioning £6 million worth of plant.

has joined Robinson Carton Packaging as sales director.

Henriette Politano has been promoted to export sales director of Amba Lamps.

CarnaudMetalbox Aerosols (UK) plc has reorganised its sales organisation into cells based on market sectors rather than the previous can diameters. Denis Foulger heads the new sales department as business sales manager, also responsible for the male toiletries cell.

Anton Scott will manage personal care sales, Colin Preece will handle contract fillers and Simone Lacroix is now the manager - household and industrial sales.

Paul Williams takes on the role of print marketing manager, while Colin Harris becomes the new component business manager. Anita Long is the business development manager.

Silvana Canette

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Carol Michaud is the new US national sales manager of Linpac Metal Packaging and will be responsible for sales of promotional and decorated metal containers across the USA.

Patrick Butcher has been appointed operations director, and Mike Millier sales and marketing manager at Irwin Packaging.

François Bleugels is now the director of sales for the UK, Germany, Benelux, Scandinavia and CIS for Eastman Chemical Company.

Ken Elmer is appointed sales manager to the expanded sales team at AMK Plastics Ltd.

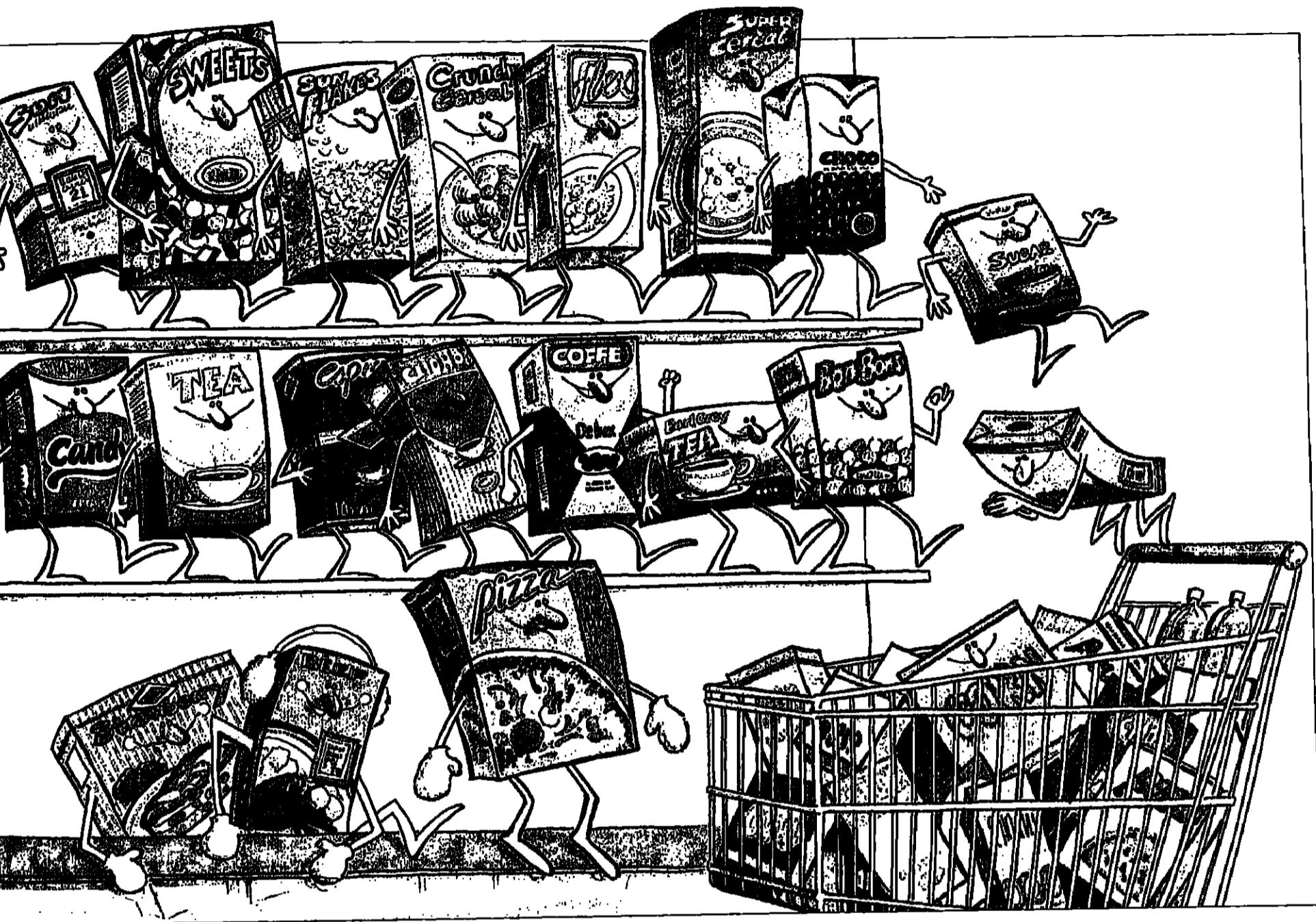
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Fiskeby recycled board for food



Fiskeby offers a recycled approach to packaging food products. The Multiboard range of 100% recycled Whitelined Chipboard grades is already being used in a wide range of food cartons, including Breakfast Food, Tea, Coffee, Sugar, Frozen and Chilled Foods, Confectionery and many others. All have gained from switching to Fiskeby.

Fiskeby Multiboard combines high quality with low environmental impact. All paper and board comes from a natural and renewable resource. But the Multiboard range is based on first generation recycled fibres, giving strength and consistency for good printability and runnability on filling lines.

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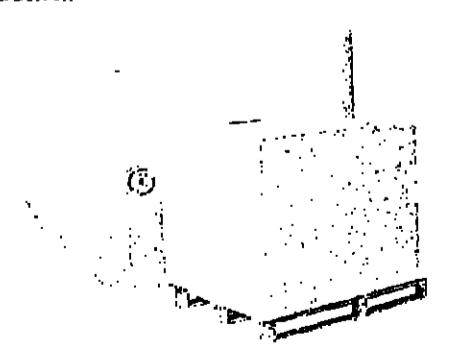
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Fiskeby Board produces board from recycled fibres, with the brand name Multiboard. The Mill can offer a broad range of qualities, including Barrier Grades from the Mills PE extruder. Fiskeby Board, located in Sweden, is a part of Riverwood International, one of the world's leading producers of packaging board.



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PACKAGING NEWS/STATISTIK 1094

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Mr. John Smith
Managing Director
Packaging Printers
85 Hagley Rd.
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Dear Mr. Smith:

In order to present our company logo in a consistent manner, we are implementing a new colour quality control program. We shall expect our packaging printers to be able to verify accurate colour reproduction and provide us with written reports.

The specifications for our standard colours are as follows:

Red:	L* = 50.18	a* = +61.11	b* = +33.73
Green:	L* = 47.02	a* = -55.49	b* = +11.08
Blue:	L* = 55.83	a* = -36.71	b* = -47.16

The tolerance specification for all colours is by CMC, L*a*b ratio of 2:1 and of = 1.2. Colour specifications and tolerances were established using the X-Rite 938 Spectrodensitometer and QA-Master software.

The report format we prefer is the format generated by X-Rite's QA-Master software. We have enclosed a sample report for your information.

We anticipate having our new colour control system in place by the end of the month, and request your full cooperation at that time.

Yours sincerely,
John Smith
Managing Director
Packaging Printers, Ltd.

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Managing Director

Packaging Printers, Ltd.

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In-mould moves to the fore

Koos Koster, md of TW Packaging bv in the Netherlands, is so pleased with the company's in-mould labelling (iml) thermoforming system that he is already planning ahead. "The six-cavity system is running perfectly, so we're sure the next stage will be 12 cavity," he tells *PN*. This system is likely to be reel-fed, rather than using pre-cut as at present, with gauges as low as 20 microns.

Momentum for iml in thermoforming is coming from continental companies - such as TW's customer Van Den Berg - willing to pay a premium for higher quality graphics than with surface printing. According to Illig (0442

With reel-fed systems coming into their own, we report on the competing in-mould labelling technologies. We also take a look at decorative shrink sleeves, the wider benefits of barcoding and include a round up of news.

212533), which supplied TW with its RDM 70 K machine, the ability to locate information on the base of the container is another factor in persuading potential users.

The system now running at TW (010 31 5470 8111) bonds pre-cut labels with the process heat stored in the cup during thermoforming. Labels are transferred to an intermediate magazine. Vacuum is used to

hold each label to the preforming device and the transfer head is loaded in two stages.

There is most movement in iml, and the fiercest competition for the best and cheapest results, at the crossover between the injection moulding and thermoforming technologies.

Injection moulded tubs produced by Peerless Plastics for Irish dairy Avonmore's

Gold spread use gold labels on matching material for the tub. The packs, in 250 and 454g sizes, are produced using Peerless' Rollodec system. This cuts labels from the reel inline prior to placing them in the mould, offering lower production costs - with the potential for using thinner labelling films - to offset the initial investment.

Now with £2 million of funding for the marketing of the system, Peerless md Paul Bagnall tells *PN* that advances have been made from the slow single-impression version of the machine to four-heads. With it has come a halving of the cycle time to give an eight-fold increase in productivity.

Injection moulded tubs produced by Peerless Plastics for Irish dairy Avonmore's



Tubs for Avonmore Gold are among the in-mould labelled packs from Peerless Plastics

says Peerless (0827 50505). The Avonmore tub uses a 40 micron film, but films as little as 30 microns can be used when labelling from the reel, says Mr Bagnall. Computer imaging is said to offer distinct advantages for Rollodec, checking label positioning, print register and the quality of the gate.

The finish on the Avonmore tub had to reflect the name of the product, and a gold effect was achieved using a pearlised film to out-glisten competitor products. Further high-volume applications of Rollodec for small tubs are expected soon.

Despite a downward trend in the price of pre-cut iml stock and a continual marker so far committed to pre-cut labels, Mr Bagnall is confident about the system. "For volume applications we definitely anticipate that our system will be more competitive than pre-cut label systems," he says.

Mr Koster clearly believes the costs associated with iml in thermoforming are lower. It is also simpler, he says, and has the potential of using fewer materials. For continental customers this and other environmental considerations are of paramount importance, he says.

Blownmoulders in the UK report only slow growth of iml among own label customers. "There is a premium to be paid, and with the cost pressures that retailers are facing, there is a reluctance to pay it," says Ron Wellerick, sales manager at Alpla UK (0942 728833).

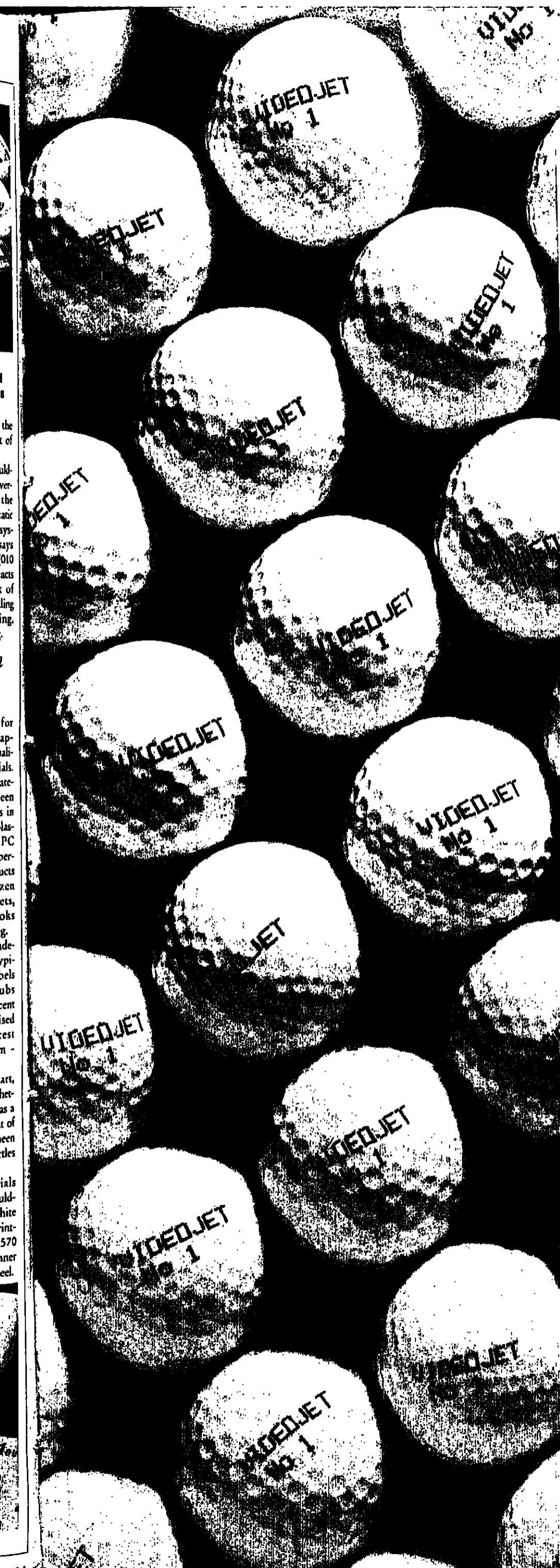
In the last year Alpla has seen some growth in demand for iml in blowmoulding - primarily from its large continental production - but this has depended on individual sizeable orders for the major fillers.

In the same way, Plysu has seen little or no interest in iml for blowmoulding in the UK, but some in its continental operation. Where this has happened, says the company (0908 582311), the filler has been

able to recognise to be one of the greatest strengths of the system - paper cannot be used.

The hepe-based Polyan, produced by Arjowax Syndetic Papers (0255 420561) has a surface finish similar to that of matt coated paper. It has been used on blowmoulded bottles for detergents.

Hoechst has materials available for injection moulding with a slight gloss, white for better usage in litho printing. The company (081-570 7712) also has a much thinner film for labelling from the reel.



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Margarine tubs from T W Packaging, the Netherlands

Smoothener data benefits

A smooth flow of electronic data means faster and more efficient running of the supply chain, says Tim Hankins*, and direct management control benefits for the supplier.

As we know, any chain is only as strong as its weakest link, and this is true of communications in the supply chain from raw material supplier to manufacturer to the distributor and to the retailer.

Traditionally the supplier has responded reactively to the demands of the multiple retailer or other principal within the supply chain without recognising the advantages to be derived for its own benefit. However, suppliers are now recognising that guaranteed

accurate recording of goods to customers can eliminate reconciliation problems, meaning less wastage and a faster payment cycle.

Scanning and transmitting the traded unit barcode from one to the other can provide proof of delivery prior to payment. All that is required is agreement as to how the supplier will produce the barcode.

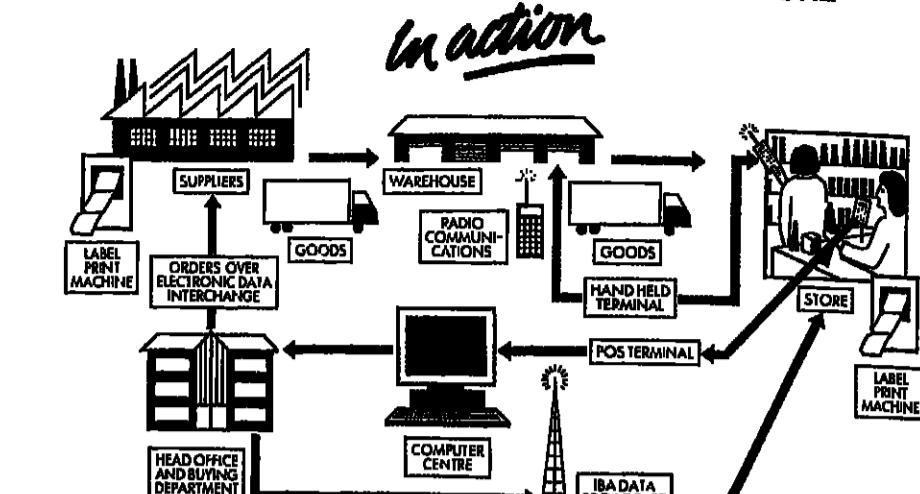
A low cost pc software package will in many cases provide the best solution. While this is often seen by the supplier as being an on-cost, experience shows that the ability to scan their own barcodes

in turn can be demonstrated by looking at a point such as the intermediate warehouse where changes of ownership occur. Possible conflict between what the supplier says was delivered as against what the new owner says has been received can be avoided, and the proof is in the barcode.

How can a supplier cooperate in this process? By far the most accurate and efficient systems are proving to be those that use barcodes and, optionally, EDI (Electronic Data Interchange). Using standard identifiers, the barcode can be used to track and trace product in a fast and error-free way.

The importance of main-

SUPPLY CHAIN AUTOMATIC DATA CAPTURE



Using the pc software, the supplier can comply more rapidly and accurately with customer demands

and produce on-demand management reports, for example, provides fast payback.

In almost every case, the supplier which uses such software can comply more rapidly and more accurately with cus-

tomers' demands. Payment for goods can improve and, along with it, cash flow.

In its basic form the system

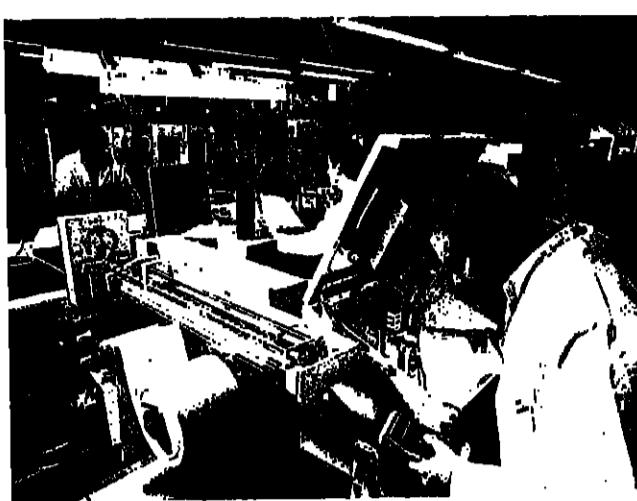
should be capable of producing product information labels containing unique variable information. The printer should be easily accessible to shop floor personnel to immediately print the product or traded unit label, but without the ability to tamper with sensitive information.

A desktop unit or automatic print and apply device can be used. The choice and cost are dependent on the quality and speed of print desired, but the system must be capable of taking electronically transmitted data directly to the print station to eliminate errors in transfer and offer current data.

It should also be possible to transfer data from one computer to another and allow a change in label design in any format to reflect the needs of different customers such as the larger retailers by simple key depression. Labels can then be placed directly onto the pallet or transit container. Standard desktop software packages can be supplied either through the principal or managed by specialised software companies.

Sadly, in many cases the supplier itself has not realised

Pallet labelling must shape up



Software sophistication is combined with rugged construction

Manufacturers must continue to take the lead in pallet labelling to ensure an effective system which will benefit all parties in the distribution chain, says Graham Podmore*.

Most companies involved in the manufacture, production, warehousing or distribution of goods can see the benefits of barcoded pallet labelling, yet many manufacturers appear reluctant to put an effective pallet labelling system in place.

This has probably not been through a lack of belief in the usefulness of such a system but rather through an understandable caution as to whether the amount of money needed to establish such an operation would ultimately be well spent.

Without an agreed standard,

any system introduced too early and without general industry support, might well be a danger of being superseded by a different and non-compatible system. Yet it is clear that any finally agreed system or standard for pallet labelling has to be industry-led.

If it is not, there is a real danger of an unsatisfactory system being imposed on industries by other parties who may not take manufacturers' needs fully into account. Furthermore, internal quality procedures and accreditation to universal standards such as BS 5750 may well depend on a company having an effective and efficient product tracking system.

The dropping of European trade barriers at the start of 1993 and the continuing harmonisation of production by many multinational companies has also highlighted the very real need for effective product tracking. It is now possible for a single factory, be it in the UK, Germany or wherever, to supply the whole of Europe.

Currently different countries may identify product in different ways. Complicated invoicing procedures spanning a number of divisions may also now be involved.

Without co-ordinated pallet identification and tracking, the entire production and distribution procedure can become a logistical nightmare - bad enough in terms of production management alone but an absolute nightmare if a recall is required.

"The EAN pallet label is a

particular use of the application identifier standards which have been developed by EAN International and the American Uniform Code Council to provide a worldwide system for providing additional information about products, as well as improving the tracking of consignments along the supply chain," stresses John Pearce of the ANA.

"The use of the pallet label standard allows companies to

needs, and those of their trading partners, efficiently and unambiguously. It's a perfect basis for improving control and customer service," he adds.

The major companies who first initiated the system are now beginning to implement it on a European-wide basis. Certainly Prestek has been involved in a number of large-scale projects to co-ordinate automatic pallet labelling throughout various companies' European operations.

Yet pallet labelling should not be viewed as solely the domain of the larger companies. It is an area which must concern all manufacturers, particularly those that nourish ambitions to expand. Of course, for this to happen, the machinery and technology must be available to carry out the process effectively.

For the very small operation with a low volume output or labour intensive production method, a manual system with a desk top pc and printer to produce labels for hand application is a possibility. For larger, high volume manufacturers however, a fully automated system may be the most practical and effective solution to cope with largely unmanned operations.

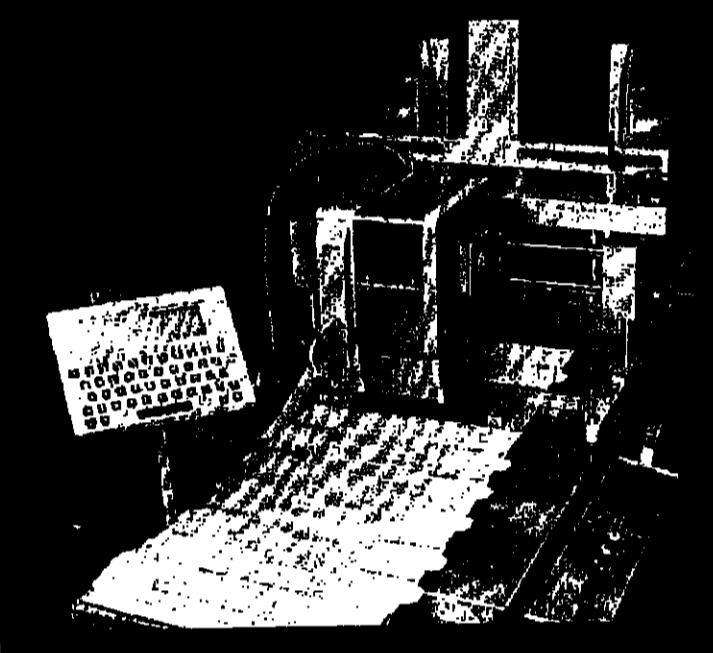
Whatever system is chosen, it must be integrated into some other form of company management information system. There is little point in creating a special label for each pallet if the data applied is not recorded elsewhere in a database system.

The higher the degree of integration, the more effective and efficient the entire system becomes.

* Graham Podmore is sales director of print and apply label manufacturer, Prestek (Highfields Science Park, University Boulevard, Nottingham NG7 2RQ - tel: 0602 233220, fax: 0602 430153).

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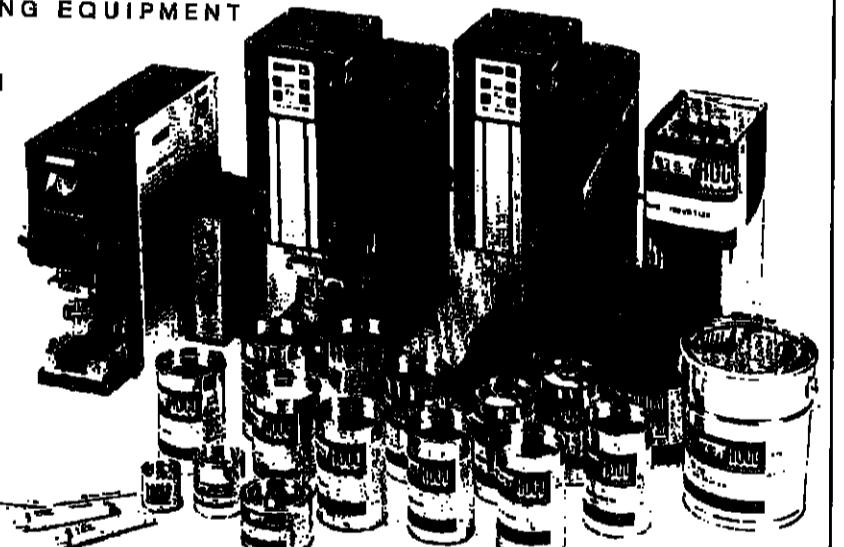
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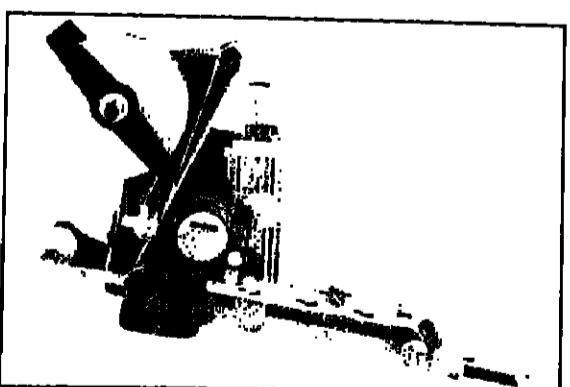
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LABELLING, CODING AND MARKING

Sealing success

Investment in a Formline shrink tunnel system, manufactured by the Sleevit Division of Turpins Packaging Ltd, has helped clinch a valuable export order for confectionery producer McCowan's Ltd.

One condition imposed by the company's US customer was use of tamper evident sealing on pots of McCowan's twist wrapped mixed toffees. Most of the toffees are packed in cartons, so installation of the Formline system to shrink hand applied, pre-formed plastics sleeves, helped win the order, says Sleevit (Kennedy Way, Clacton-on-Sea, Essex - tel: 0255 423402, fax: 473312).

For further information **K8** Call for details 0839 772268



Shrink sleeves by Decorative Sleeves for Tesco breath freshener

Sleeve gives a fresh look

A shrink sleeve which provides both all round decoration and tamper evidence has been used on the container developed by Precise Plastics and Anglo European for Tesco's Sugar Free breath freshener.

The 15ml low profile pet pump spray bottle is used with a standard 15mm crimp on pump and a polypropylene

overcap. Sleeves are produced by Decorative Sleeves (Rolleby Road, Hardwick Industrial Estate, King's Lynn, Norfolk - tel: 0553 769319, fax: 767097).

DECORATIVE SLEEVES: For further information **K8** Call for details 0839 772268

PRECISE PLASTICS: For further information **K9** Call for details 0839 772268

Decorative, promotional, tamper evident: we report on just some of the latest sleeve applications that provide one, two or all of these special features



The pvc film shrink sleeves are printed in six colours

sleeves complements the image evoked by the caddies themselves, says Decorative Sleeves (Rolleby Road, Hardwick Industrial Estate, King's Lynn, Norfolk - tel: 0553 769319, fax: 767097).

James Macdonald of the Brooke Bond Buying Department, says: "Decorative Sleeves

Gravure adds glamour to square paint pots



Two new products from Crown Paints are using eight colour gravure printed pvc shrink sleeve labels produced by Parkside Flexible Packaging to complement smart and contemporary looking square shaped pots.

Crown Creams, a collection of six warm shades of cream emulsion, use the quality of print on the label to reflect a sophisticated and natural look, says Parkside (17 Parkdale Lane, Leeds LS17 5TF - tel: 0532 713963, fax: 703540).

For further information **K8** Call for details 0839 772268

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PACKAGING NEWS

PACKAGING NEWS/AUGUST 1994

LABELLING, CODING AND MARKING

Tamper bander applies full body sleeve

- tel: 0206 304982, fax: 304313) modified its machines so that with a few changes of parts a full body sleeve could be applied by the same machine.

It has developed a perforation system for Yuuki that combines vertical perforation to allow easy removal of the neck seal with a horizontal perforation that allows the body sleeve to stay in position.

Various thicknesses of material and various sizes of perforation blades had to be tested so that the perforations were easily broken for material removal. But it was vital that they did not open too wide and burst when shrunk over the profiles of the container passing through a heat tunnel.

Systems were then designed for Yuuki and fitted to two RF120 combined banding and sleeving machines which were installed in May. This feature is now available for all Graham tamper banding machines.

For further information **K8** Call for details 0839 772268



Adhesive meets demands

Approval for indirect contact with foodstuffs has been granted to Jac UK Ltd for its latest adhesive D170 which was developed for demanding decorative or permanent labels for foodstuffs.

It is highly recommended for use on cold or warm, wet and moist surfaces, and is manufactured on a synthetic polymer base. It insulates and is water insoluble, says Jac (81/82 Buckingham Avenue, Slough, Berks SL1 4PN - tel: 0763 570631, fax: 536236).

For further information **K9** Call for details 0829 772268

LABELLING, CODING AND MARKING

HUGO BECK

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Coping with cold turkey

A synthetic thermal label has been developed by Label Converters Ltd which needed to cope with fluctuations in temperature while being stored in the customer's chill cabinets and when defrosted by the end-user.

In response, Label Converters (Falconer Road, Haverhill, Suffolk CB9 7XU - tel: 0440 613111, fax: 62805) has supplied a strong adhesive which absorbs

water for sustained applications regardless of temperature.

For further information **K8** Call for details 0839 772268

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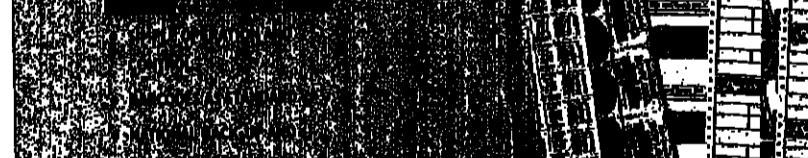
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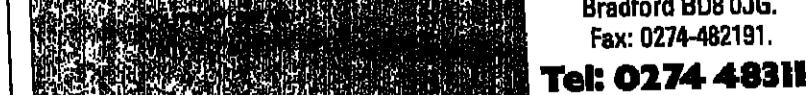
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Labour-saving print and apply

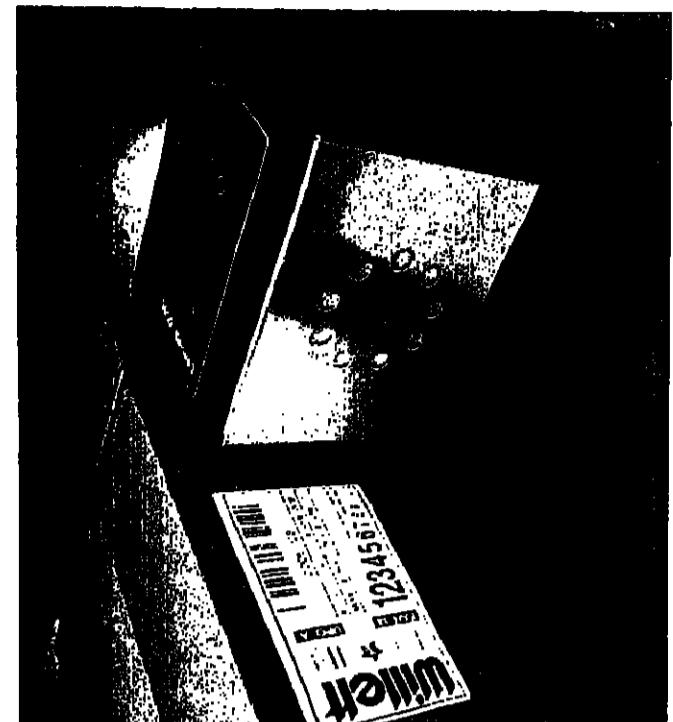
Two pressure sensitive labelling systems from Willett have proved key to an award-winning automated packaging system at a leading publishing services company.

The 2600-Series2 label printer/applicators have been installed at International Thomson Publishing Services in Hampshire, where they are printing and applying self adhesive labels on to packets and cartons containing books, tapes and computer discs for worldwide distribution.

"Throughput has increased considerably"

Previously, 16 people packed orders and applied preprinted address labels on to packets and cartons manually. Thomson has redeployed 12 of these people as only four are now needed, two on each production line. Throughput has increased considerably.

The two printer/applicators were purchased to increase labelling versatility and are fully integrated onto each line, says Willett (3 Cronin Road, Weldon South Industrial Estate, Corby, Northants NN18 8AQ - tel: 0536 400777, fax: 400888).



Two 2600-Series2 label printer/applicators from Willett are now operating at International Thomson Publishing Services Ltd

fax: 400888.

One handles orders weighing up to two kilos, using a wrapping machine which encloses items in corrugated cold seal material. The other, for orders up to 14 kilos, uses a film box technique.

After a pack is sealed, a

to 2 kilos, while the other handles in the region of 1800 cartons of between 2 and 14 kilos. After labelling, the items are automatically routed to the appropriate despatch area.

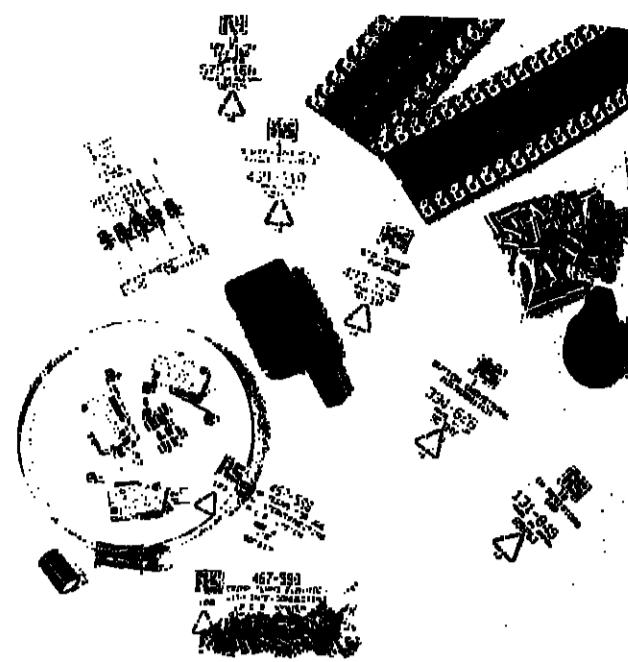
The cycle time from barcode reader to label application, including printing, is four seconds.

International Thomson Publishing Services operations director, David Silk says: "Previously addresses were printed on our combined invoice and packing document and manually pasted on to each package in the hand-packing area - a slow and laborious method totally unsuitable for future throughput projections."

Twelve million items are distributed each year and this is forecast to reach 17 million by the year 2000. The automation, including the Willett equipment, has not only reduced unit costs but improved service levels and was recently recognised with a Golden Parcel Award for excellence in service and delivery.

"We are extremely happy with the changes and are confident that the £350,000 total spend will be recouped within the planned two and a half years," says Mr Silk.

In each eight hour shift, one line wraps and labels around 2000 packets, weighing from 0



Faster print and pack

A print and pack system from Autobag has replaced manual packing to enable a leading supplier of electrical parts to keep up with demanding lead times.

RS Components delivers electrical, electronic and mechanical parts to industry on a same-day dispatch system.

The company has seen a three-fold increase in its packing and labelling rates since abandoning manual packing for the Autobag system.

At the same time, says the company, short runs and mixed batches can be handled just as easily.

The decision to install the four Autobag HS-100 Excel/PI-4000 machines involved comparative tests with competitive systems.

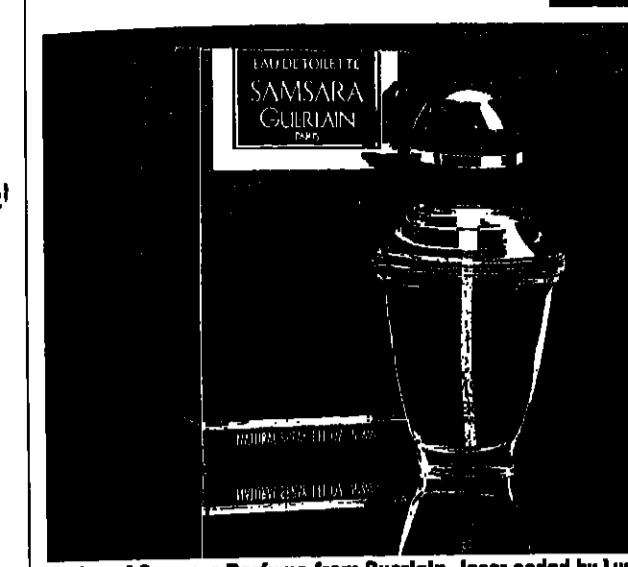
"These came out the most versatile and cost-effective," says packaging manager Roland Gurney.

The Autobag system is sold in the UK by Automated Packaging Systems (Ashlechuch Business Centre, Alexandra Way, Tewkesbury, Gloucestershire GL20 8NB - tel: 0684 274602, fax: 274605).

For further information K8 Call for details information 119 0839 772288

For further information K9 Call for details information 120 0839 772288

Maintenance manager for



Sweet smell of lasers

Two French perfume manufacturers - Guerlain and Kenzo - are now coding cartons of their perfumes with Xymark 7000 laser coding systems from Lumonics Ltd.

Guerlain was seeking a coding system that offered speed, accuracy and increased efficiency, to mark product batch numbers and a confidential corporate code onto cartons being packed with bottles of perfume at the company's Paris factory.

Kenzo chose to use the Lumonics equipment to meet its need to code through a cellular overwrap, without spoiling the overall appearance and image of the carton.

Further information from Lumonics (Gothenburg Way, Sutton Fields Industrial Estate, Hull HU7 0YE - tel: 0482 831154, fax: 839233).

For further information K8 Call for details information 109 0839 772288

Portable inkjets speed production

A payback of less than 18 months on its investment of nearly £25,000 in inkjet printers is expected by leading paints producer Hammerite, due to improvements in product throughput and reductions in raw material costs.

Seven Elite portable printers from Cueprint Ltd have been installed, four of which are dedicated to batch coding on paint lines, while the others will be deployed on production lines when required.

"Before we purchased the Elite, we were coding many products by hand, using label guns," says Paul Laidler, Hammerite's production supervisor.

"With the Elites, we have been able to redeploy staff to other tasks while greatly increasing production throughput as well as removing label costs.



Because the print head is so compact, the Elite can be positioned to print top, bottom or side," says Mr Laidler.

Further information on the

Elite units is available from Cueprint (Compton Place, Surrey Avenue, Camberley, Surrey GU15 3DX - tel: 0276 691730, fax: 686895).

For further information K8 Call for details information 110 0839 772288



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Additionally HIDE-A-WAY labels offer a high level of tamper evidence.

HIDE-A-WAY labels are constructed in five layers with a tear-open perforated flap which opens to reveal collectable stickers. Printing in up to five colours is available on the inside, with up to four on the outside.

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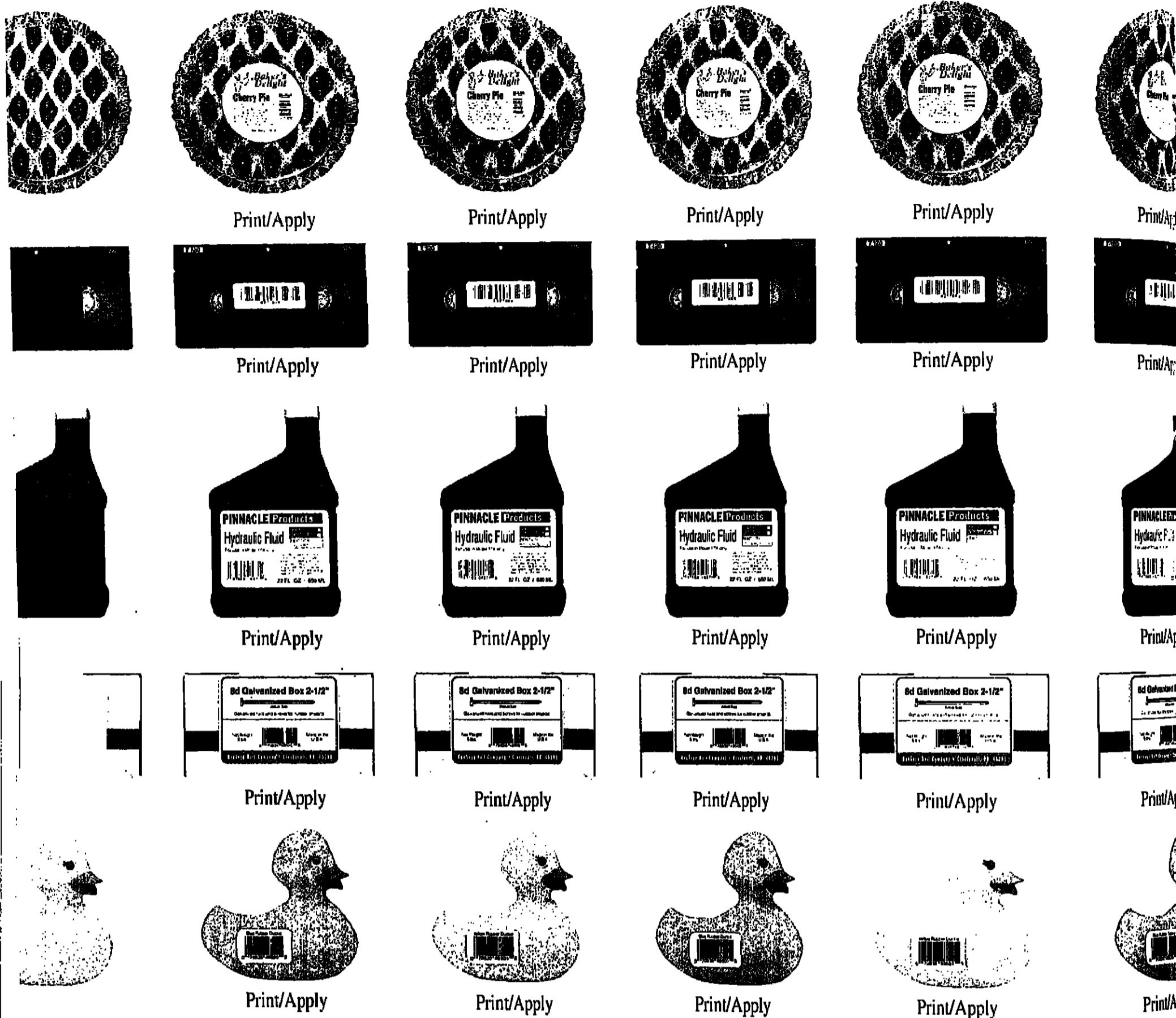
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PACKAGING NEWS/AUGUST 1994

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The savings are endless, too.

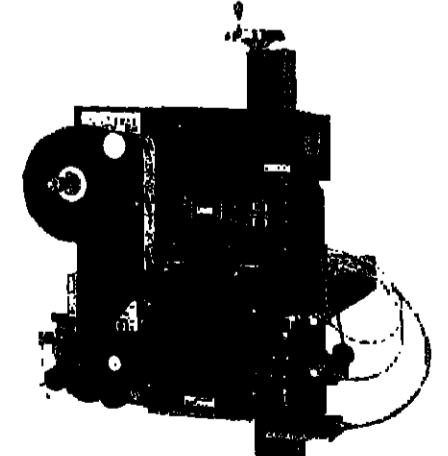
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LABELLING, CODING AND MARKING

31

Simplified leaflet savings

A simplified method of providing the extra patient information that is required on pharmaceuticals has been developed exclusively by labelling machine manufacturer GEI Filling, Capping & Labelling Ltd and the pharmaceutical division of label printers Jarvis Porter (Label Systems) Ltd.

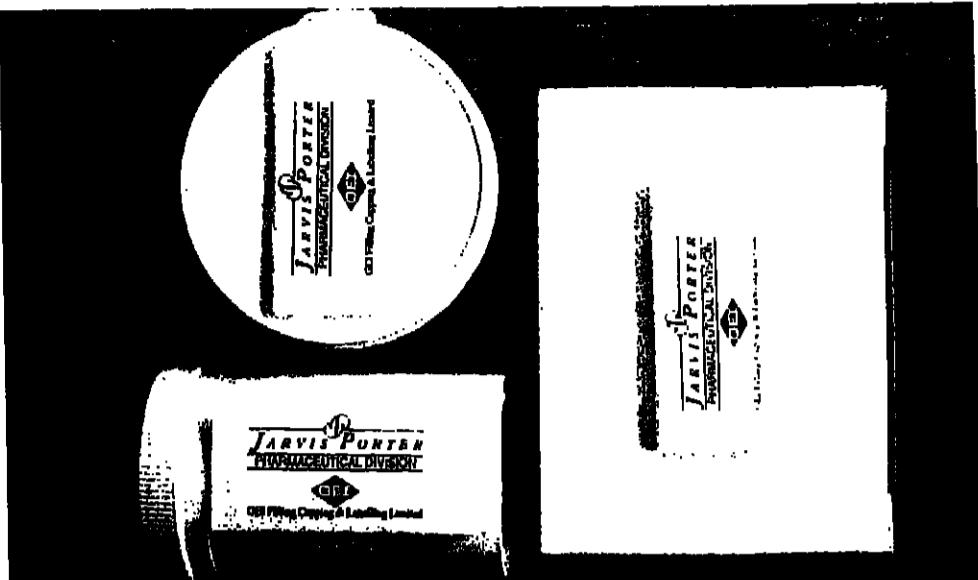
By attaching the information directly onto the primary pack, secondary packaging such as cartons can be eliminated.

In place of the specialised leaflet usually printed, folded and then assembled onto a pressure sensitive label portion for application to the pack, the Inform leaflet is produced entirely on one piece of material which is then folded and securely closed by a hot melt adhesive during the folding process.

This, say the two companies, reduces print and material costs while also allowing a wide variety of applications.

Leaflets are fed from a magazine onto a self adhesive transfer tape which then indexes on demand to a conventional label dispensing head where they separate from the tape, taking the adhesive with them on the PPM applicator from GEI (Henwood Estate, Hythe Road, Ashford, Kent TN24 8DS - tel: 0233 629161, fax: 639560).

Each leaflet is firmly applied to the product and finally pressed down with a



Inform patient information leaflets can be attached to a variety of pharmaceutical containers

brush or roller mechanism. When not required for applying the Inform leaflets, the PPM machine can be used as a conventional pressure sensitive labeler by inhibiting the magazine feed and replacing the transfer tape with roll label stock.

Information on the Inform leaflets themselves is available from Jarvis Porter (Unit 4, 131 Beddington Lane, Croydon, Surrey CR0 4TD - tel: 081-683 0770, fax: 081-683 0863).

For further information K8 105 Call for details 0839 772288

JARVIS PORTER
For further information K8 106 Call for details 0839 772288

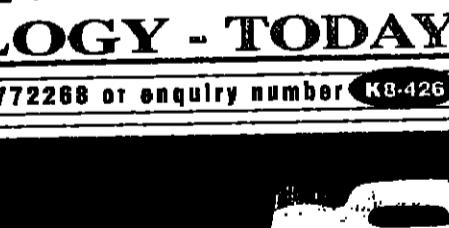
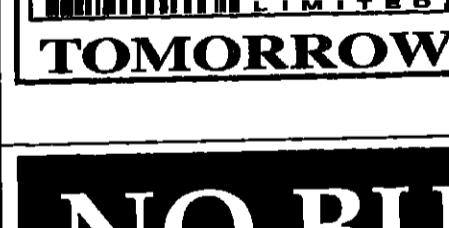
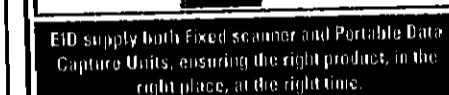
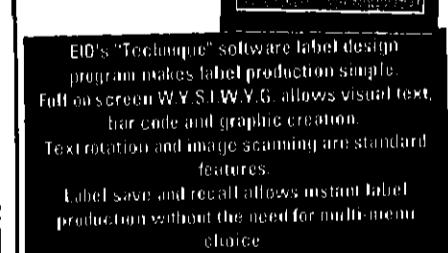
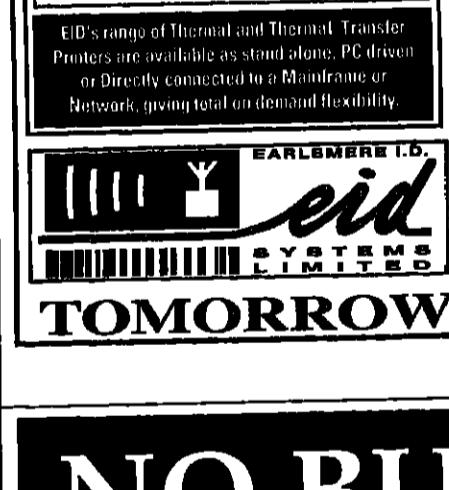
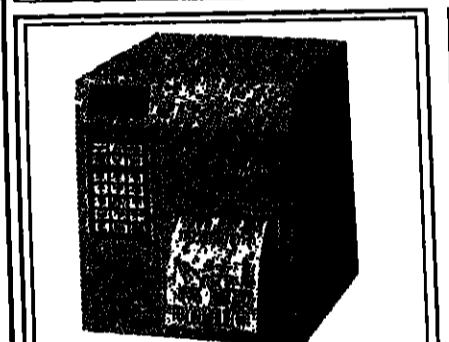
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Along with Pri-Sym,

Resinous Chemicals chose to install Safemix, a package which can calculate the hazard warning and safety information required under CHIP for all types of chemicals, says Map80 (Unit 3, Kestrel Business Park, Ivanhoe, Finchampstead, Wokingham, Berks RG11 4QZ - tel: 0734 731800, fax: 731900).

To conform with CHIP regulations, these hazard warnings must be printed in the language of the importer. A touch of a button brings up the correct phrase in the correct language, says Map80.

For further information K8 107 Call for details 0839 772288



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CONVERTING

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WORLD

Strengthening a commitment to flexo supplies

The recently announced exclusive distributorship for the UK and Ireland of Photomeca's Photo-Polymer Processing range and a UK dealership for DuPont Cyrel for Edale Ltd is said to further strengthen the company's commitment to flexo.

Photomeca's equipment will be on permanent display at

the recently enlarged showrooms in Romsey and Oldham. Sales will be handled by

After sales back-up

existing personnel at both sites, while after sales back-up will be provided by Edale's Rom-

sey Customer Services department (Budds Lane, Romsey, Hants SO51 0HA - tel: 0794 524422, fax: 513703).

DuPont Cyrel photopolymer plates will be handled by the Consumables department of Edale's sister company, Edale-PB&E, which is based in Slough. The appointment will further strengthen the

supply of high quality photopolymer plates to the UK, says the company.

Excellent reputation

"Edale has an excellent reputation in the label market and we expect to increase the presence

of DuPont Cyrel in this important area as a result of this appointment," says Graham Harris, sales manager for DuPont Cyrel.

According to Edale's managing director, Bernhard Grob, this enlarged product range will allow one-stop shopping for customers. "Total package deals including relevant train-

ing on pre-press, press and finishing are now in demand more and more, so we can now meet this need with hands-on training sessions."

The company plans a series of Open Houses linked with training sessions and dates will be announced shortly.

For further information K8 615 Call for details 0839 772268

Colt 1000 increases productivity while lowering production costs

Crashlock bottom bundle and strap

Colt 1000, the first fully automatic bundling and strapping machine for crashlock bottom boxes was launched by the Swiss firm Strapex ag. It

counts, turns 180deg, stacks and straps crashlock bottom four and six corner boxes from any folder gluer.

The strap tensioning feature of the Endra Endesler also prevents straps from cutting into the bundles, so reducing product damage. Production can be increased by up to 40 per cent and format set up times are said to be short.

For further information K8 605 Call for details 0839 772268

principle with Endra Endesler.

"The Colt 1000 is aimed at lowering production costs while increasing productivity," says Christof Kilchmann, manager for corrugated machines at Strapex (UK office: Koldford Road, Witton, Birmingham B6 7EP - tel: 021-356 6264, fax: 021-356 7826).

To overcome this problem Swedish firm, Infrarodteknik AB (IRT) has developed IRT-System, which combines electric, shortwave and fast responding infra red lamps with thyristor power control.

This means that the drying power level can be controlled and varied from 0 to 100 per cent and within a few seconds as contrasted to up to 30 minutes by other methods.

By controlling the zone drying across the web width, moisture profiles can be corrected so as to adjust the outer liners, resulting in flat board.

Widmer-Walz, the Swiss corrugated board manufacturer, is the first corrugated maker to install the system. There are 18 zones per liner web.

Katarina Edgren-Marsh, sales manager at IRT (Box 1530, S-462 28 Vänersborg, Sweden - tel: 010 46 521 669 00, fax 669 09), tells *Converting World* that the system can be controlled manually or automatically. "We do not guarantee zero per cent moisture, we just guarantee a certain moisture profile. By using

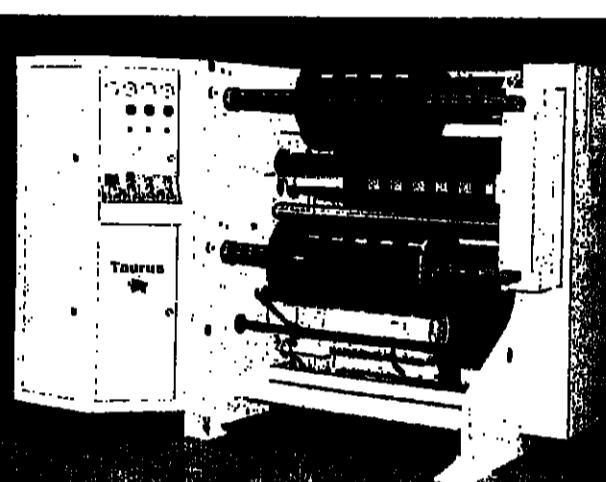
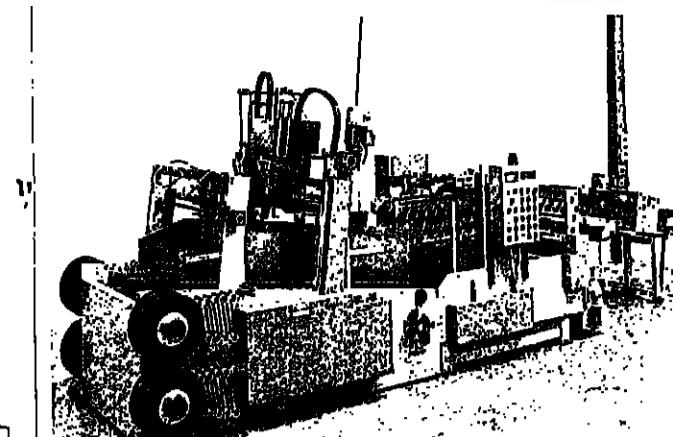
CONVERTING
WORLD

33

CORRUGATED '94

Power drying cuts warp

Corrugated '94, the first event devoted exclusively to the needs of the corrugated board and boxmaking industries, attracted 11,000 visitors and over 400 exhibiting companies. Here we review some of the companies from over 27 countries that launched and ran their products at the show. The next event will again be held in Paris, in the spring of 1998.



The Taurus slitter rewinder from Duffy Converting Equipment Ltd

A slitter rewinder to suit small users

Taurus is the latest slitter rewinder to be launched by Duffy Converting Equipment Ltd, which says md Alan Duffy will provide smaller users with a machine they can better afford.

"The only other option open to users whose business will not support the high capital cost of sophisticated high performance machines is to purchase a machine second-hand, with its attendant dated technology," he explains.

This machine has a master reel capacity of 1000mm wide by 650mm diameter. It includes an unwind air bar, auto unwind tension control, auto edge guidance, slack edge correction and the option of

shear, score or razor slitting through a system of precision made changeover units.

Precision changeover units can be installed in a few minutes

These can be installed in a few minutes, says Mr Duffy. This feature provides the user with the opportunity to slit almost any type of web without the need to compromise on the best method of doing it.

For further information K8 616 Call for details 0839 772268

Rotary die cutter control

VeriGraphix II Rotary Die Cutter is the latest model launched by the US Ward Machinery Company. Currently under final test in the USA, it will be commercially available in the autumn.

Unlike the Mark I model, individual electronically controlled drives have replaced many of the functions traditionally handled by gear trains. Control systems now communicate with each other as well as with the operator, and an intelligent touch screen computer interface on each section has done away with almost all conventional controls. This makes VeriGraphix II quicker to set up and keep operating on the majority of jobs.

"Printing is now isolated from die cutting. This improves the production quality of both and will allow the addition of a dryer under the re-registration section", says Ward (Ireland Office: Garrigastle, Athlone, Ireland - tel: 0902 73691, fax: 753934).

For further information K8 606 Call for details 0839 772268

Looking for pallet agents

Unipal International Corporation, the US producer of the Unipal 100 per cent recycled corrugated pallet, is looking for agents and licensees to represent and manufacture its products in Europe.

Being one third of the weight of wood pallets, the Unipal is said to cut freight and transport costs, as well as overcoming some of the problems of contact with food and pharmaceutical products.

For further information K8 607 Call for details 0839 772268

The pallets are available in a number of sizes and just require the die cut to be changed. There are three different pallet designs, each of which can be produced in various sizes and configurations.

The pallet can support up to 1 tonne. US agent Moda International (230 Park Avenue, Suite 924, New York 10169, USA - tel: 010 212 687 7640, fax: 687 7942) says it reduces damage to the product and meets the just-in-time requirements of customers unwilling to hold large inventories.

For further information K8 607 Call for details 0839 772268

PACKAGING NEWS/AUGUST 1994

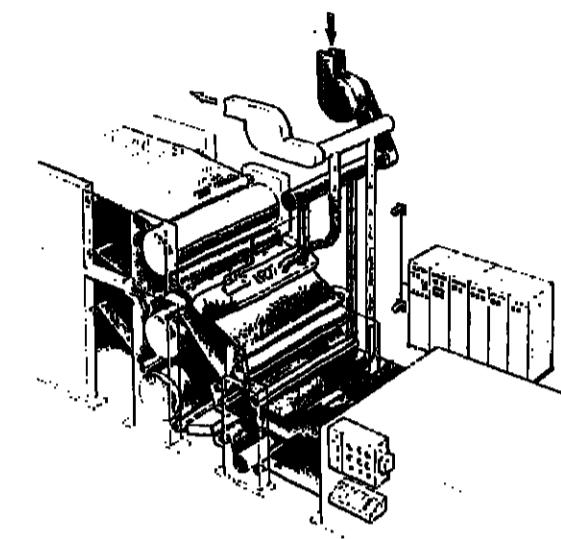


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WHITE LINERS BY KEMI

Kraft liner productivity

Kemilite is the latest Kemiart cutted kraft liner grade which has been developed by the Finnish Kemi Mills of Oy Mesis-Bonnia Ab (Kemi Mills, 94200 Kemi, Finland - tel 010 358 698 1911, fax: 698 191-402), to complement its range of products for the printed corrugated market.

It enables high productivity in flexo printing, even on less sophisticated machines and even at high speeds, high quality print is achievable.

High gloss can be achieved by varnishing while printing, Finn board tells CW.

For further information K8-612 Call for details

Flexo complexity under control

CyFos II, the computerised quality control system for flexo printers and repro houses, was presented by DuPont UK Ltd at the show. It is designed to improve the communication between repro houses and printers and provide a standardised method of controlling print quality.

DuPont says that this is the only system of its kind geared to monitoring the complexities of flexo and is aimed at turning the often hit and miss set-up times into productive time.

Ted Pennington senior systems specialist at DuPont (Wedgwood Way, Stevenage, Herts SG1 4QN - tel: 0438 734518, fax: 734481) tells CW that it can also be used as an early warning device when something is wrong: if, for instance, a colour has moved out of its acceptable parameters.

It will help to reduce costs and obtain a better and more consistent quality as printers keep a log of all the boundaries, ink, speed, dot gain, thickness of board etc.

After each job CyFos awards the run a grade, so that printers can truly monitor their performance, Mr Pennington tells CW.

For further information K8-603 Call for details

“Details are built in”

Every press has its own printing characteristics and films must be produced to take account of these variables. With CyFos these details can be built into the system to ensure printed results are produced to specifications which match the original each time.

To avoid problems with scratching and accumulation of dirt, PDM Ltd will be launching its KHSRA-B Web Cleaner and Ultra TM Cleaner.

HSRA-B Web Cleaner is a contact cleaning system for paper plastics and film which

Nearly 100 companies will be represented at Convertex, the UK's only exhibition dedicated to the European converting industry, which takes place from 20 to 23 September in Hall 10 at the NEC in Birmingham.

A new feature will be the Flexo Forum, a series of seminars on uv systems, short runs, waste control and other subjects.

Converting World will be there. So don't forget to come and visit us on stand 506.

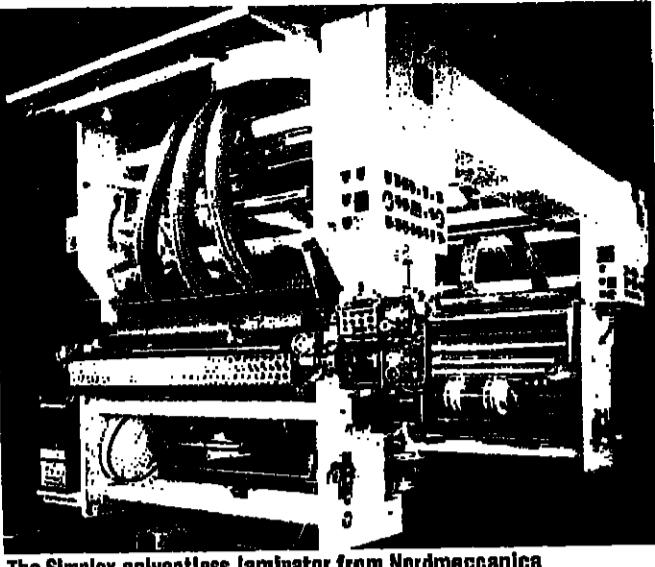
Faster laminator

Simplex, a solventless uv laminator from Italian firm, Nordmeccanica, will be on show. It can process 100,000 metres of material in a shift yet is only 4.5 metres long and takes just two days to install and commission, says Engelmann and Buckham (E&B), which has been appointed the UK agent.

The laminator incorporates Nordmeccanica's patented coating unit. It provides a reel change in about 90 seconds uses only 32kw of electricity and operates very quickly, says

Stand: 208

For further information K8-612 Call for details



The Simplex solventless laminator from Nordmeccanica

A dynamic duo of web cleaners

To avoid problems with scratching and accumulation of dirt, PDM Ltd will be launching its KHSRA-B Web Cleaner and Ultra TM Cleaner.

HSRA-B Web Cleaner is a contact cleaning system for paper plastics and film which

also cleans the buff as it is rotating every revolution.

Ultra TM Cleaner is capable of cleaning below the 1 micron level. The technology can be applied to anything where data with cd, tape or photographic processes are

used, says Les Bennett director PDM (27 Lyndale Road, Eldwick, Bingley, West Yorkshire BD16 3HE - tel: 0242 552969, fax: 552968).

Stand: 402

For further information K8-613 Call for details

Detecting defects for web quality

The Belgian firm Intec Europe Ltd will be exhibiting its latest System 3000 Web Inspection System at the show.

Intec (Leuvensesteenweg 542, Box 2, Zaventem 1930, Belgium - tel: 010 32 2 725 1845, fax: 725 2401) offers both laser and camera-based technology for automatic inspection of moving webs to detect surface defects that detract from final web quality.

System 3000 is a low cost laser-based system, designed to complement the firm's existing System 9000, which can support either laser or linescan camera front end detection sensors, says Intec.

Stand: 6

For further information K8-614 Call for details

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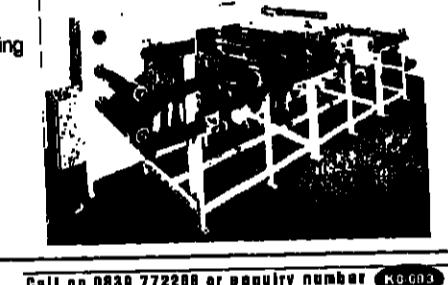
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The Printer's Ink Handbook

At last – a book on printing inks that can be easily understood by printer and print buyer alike.

“In my years in the trade, I have never before seen a book that even attempted to explain the inks to the printer in his own terms, let alone succeeded.” That is the view of Dr John Arnold, Director of Corporate and Policy Affairs of the BPIF of the new book by ink consultant Chris H Williams FIOP, LRSC, MInstPack.

With over thirty years experience in printing inks and twenty years lecturing on inks, Chris H Williams brings a unique blend of knowledge and presentational skills to the task. The result is a book that is equally valuable to experienced printers, print students and print buyers.

The 244 page book is well illustrated with 70 photos and diagrams, and case bound to ensure durability with repeated use. It is published by Maclean Hunter Ltd, Maclean Hunter House, Chalk Lane, Cockfosters Road, Barnet, Herts EN4 0BU at £24.50.

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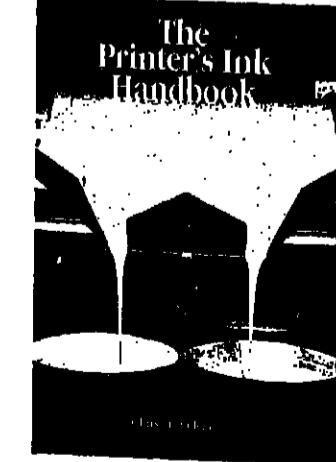
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High performance image processor

The latest high performance image processor the Model IP-100HP will be exhibited by US company, CC1 Inc, incorporating 'Smart' Automatic Defect Detection.

Featuring a newly-designed high speed motorised traverse, the processor offers a number of additional capabilities including a lighted back plate for clear film applications and dual web paths for inspecting surface or reverse printing.

Using 3CCD camera technology and a 16:1 motorised zoom, the IP-100HP accommodates any web widths, fits on any press and allows for a second camera operation for

viewing front to back registration, according to CC1 (7 Lopex Road, Wilmington, Massachusetts 01887 - tel: 508 658 8200, fax: 658 9833).

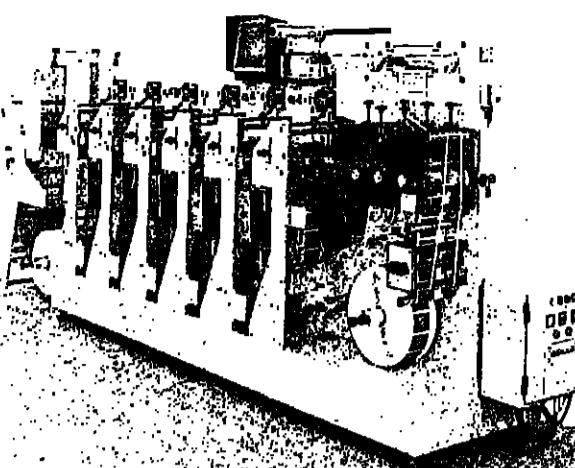
Image processing capabilities are fully expandable and numerous standard visual inspection features including job storage, can be added at any time to it, says CC1.

The design of Smart Automatic Defect Detection allows it to be programmed to learn acceptable versus unacceptable defects while the press is running, thus reducing waste.

Stand: 120

For further information K8 Call for details 0839 772288

CONVERTEX PREVIEW



Flexo label press achieves savings

At Converter KDO Label Printing Machines Ltd will be showing the latest series of its six colour Seeltec flexo label press with uv drying, the Mini-pressenfolp press, a slitter/rewinder and a blank label maker.

The Seeltec range comprises presses of 8ins, 10 1/2ins, 14 1/2ins and 16ins wide with two to eight print units. It can be fitted with ceramic anilox rolls with doctor blades, video web inspection and uv drying.

For further information K8 Call for details 0839 772288

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Sleeves stop costly build up of coatings

The build up of latex adhesives, inks or coatings which causes contamination of end products, costly downtime and deterioration of equipment can be removed from existing machines, Holsco (Alma Park, Alma Park Industrial Estate, Grantham, Lincs NG10 9SE - tel: 0476 74771, fax: 63542) can fit the sleeves to cylinders while they are still on the machine.

Stand: 4

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The sleeves are manufactured using virgin granules, Teflon fep or pfa. The sleeves are then given a heat shrink memory so that once heat applied they will shrink to fit the rollers.

The range of sleeves available means that any diameter can be covered from half inch to the larger diameters of drying cylinders.

Any build up can be wiped away with a damp cloth. At many drying cylinders cause contamination of end products, costly downtime and deterioration of equipment can be avoided by using Holsco Industrial Linings Ltd range of Teflon heat shrinkable sleeves.

Holsco says these provide the ultimate non-stick surface and are particularly successful in the extrusion lamination area, where build up is a major problem.

Stand: 4

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CONVERTEX PREVIEW

Static elimination choice

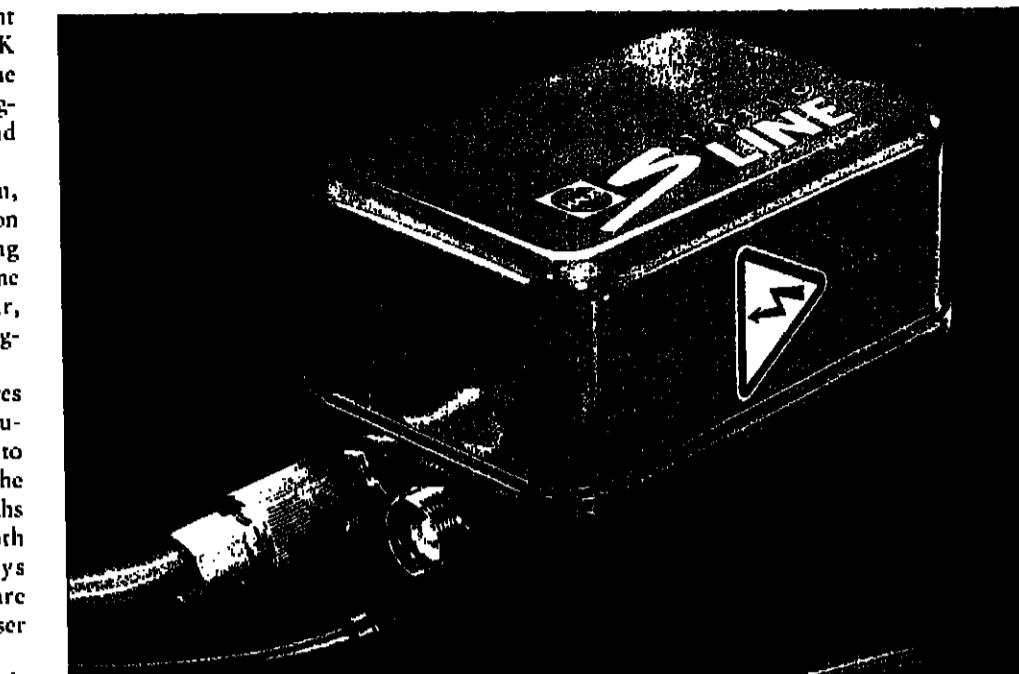
Static elimination equipment to be shown by Weko will include the Haug S-line system, involving basic charging and ionising units and optional features.

For static elimination, charging and measurement on packaging and converting lines there is the Haug S-line power pack, ionising bar, charging generator and charging electrodes.

The power pack features the Haug coaxial quick-coupling system, manufactured to high safety standards, and the ionising bar comes in lengths from 200 to 2500 mm. Both are easily mounted, says Weko. Current limiters are incorporated into the ioniser for safe handling.

The charging generator is modular in design and is said to offer complete operational safety. Haug S-line charging units are said to be particularly useful in the packaging industry and in foil and paper winding.

Electrodes on the charging unit are completely insulated



Haug S-Line power pack offers a coaxial quick-coupling system, manufactured to high safety standards

and can be easily replaced, says Weko (Weko House, 2 Park Road, Kingston upon Thames, Surrey KT2 6AY - tel: 081-549 8039, fax: 081-547 1119).

Optional accessories

Weko is the exclusive UK

distributor of Haug equipment, which is manufactured in Germany and Switzerland.

Stand: 250

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